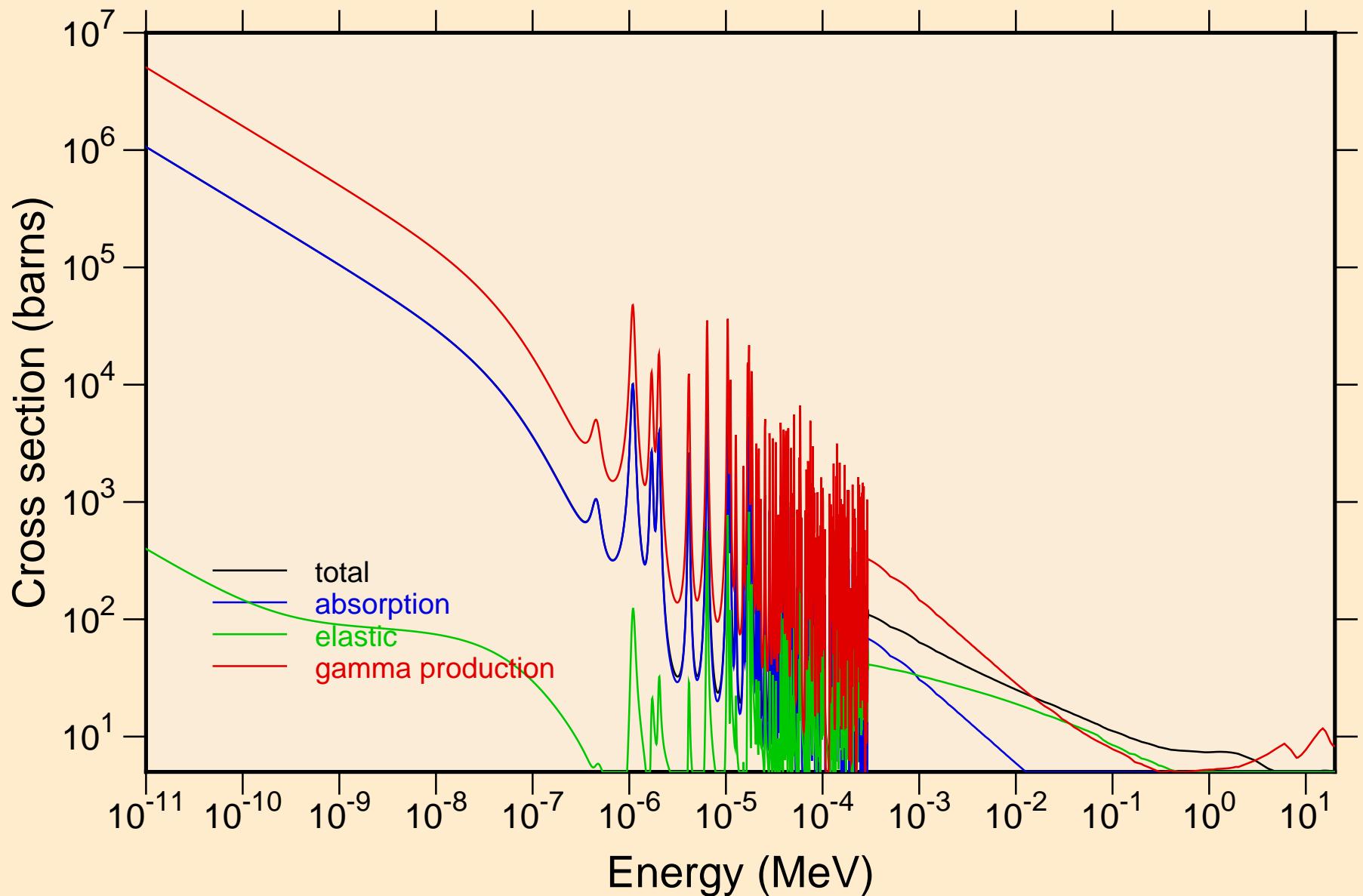
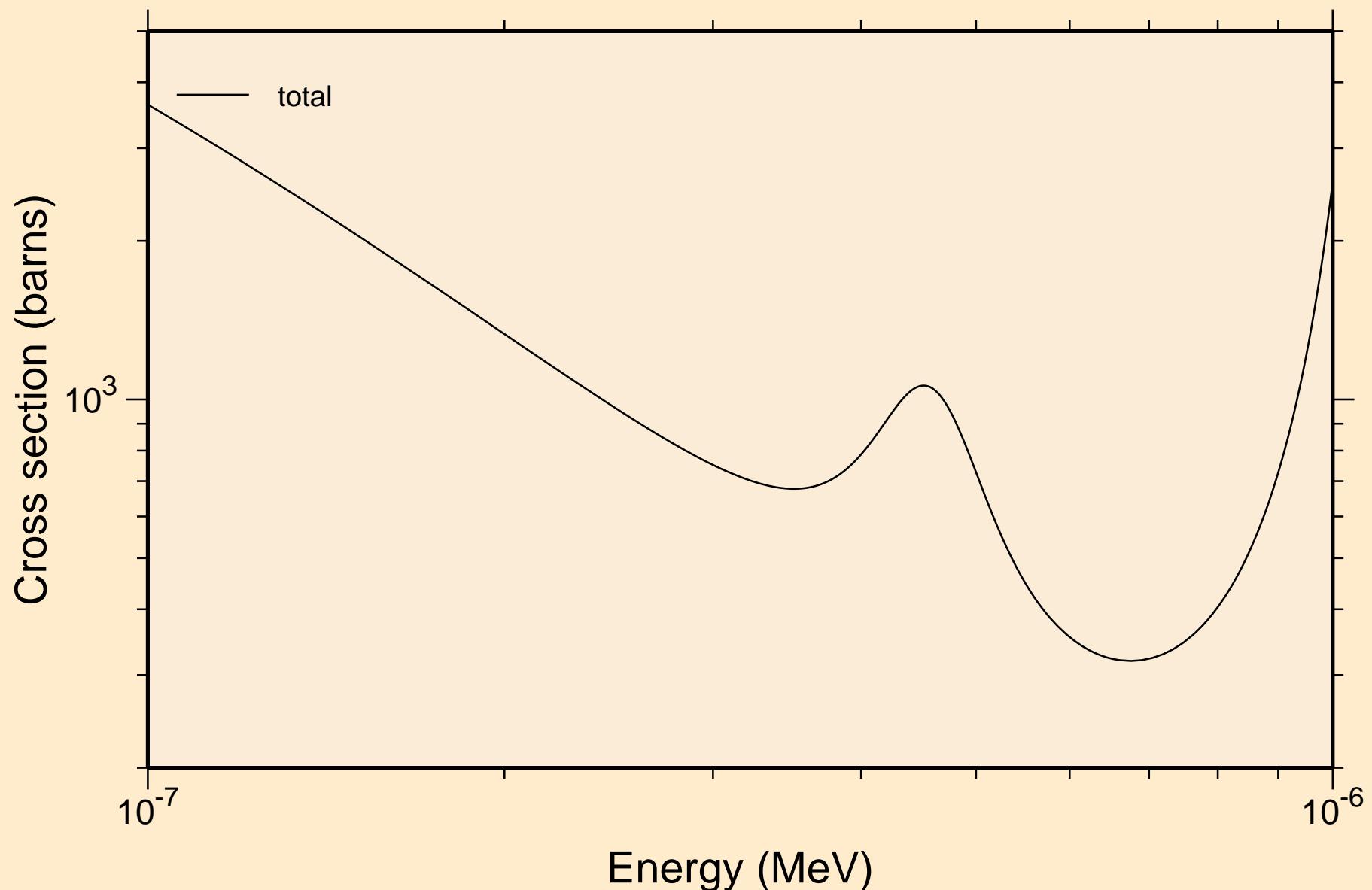


# ENDF/B-VII SM-151

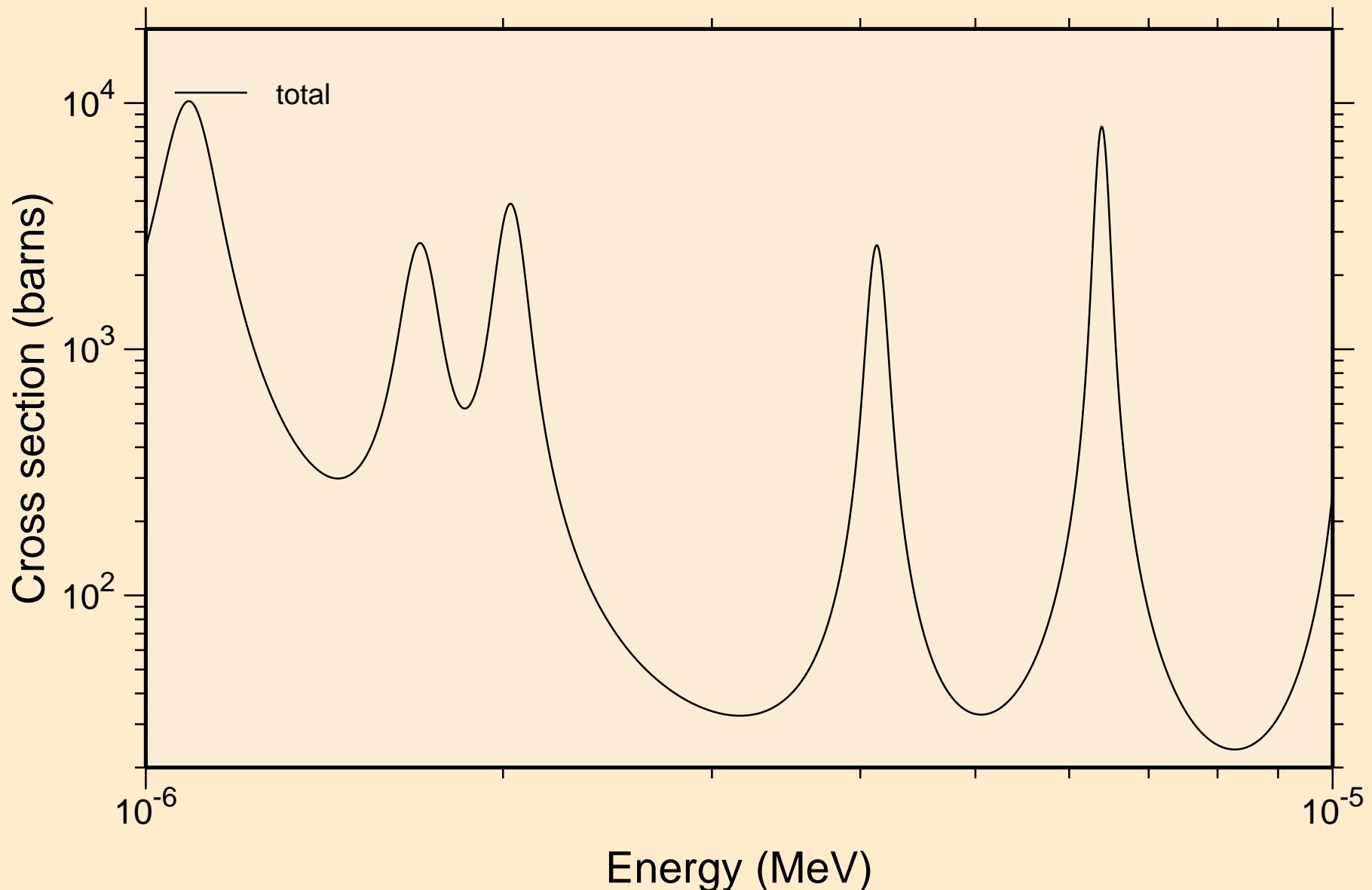
## Principal cross sections



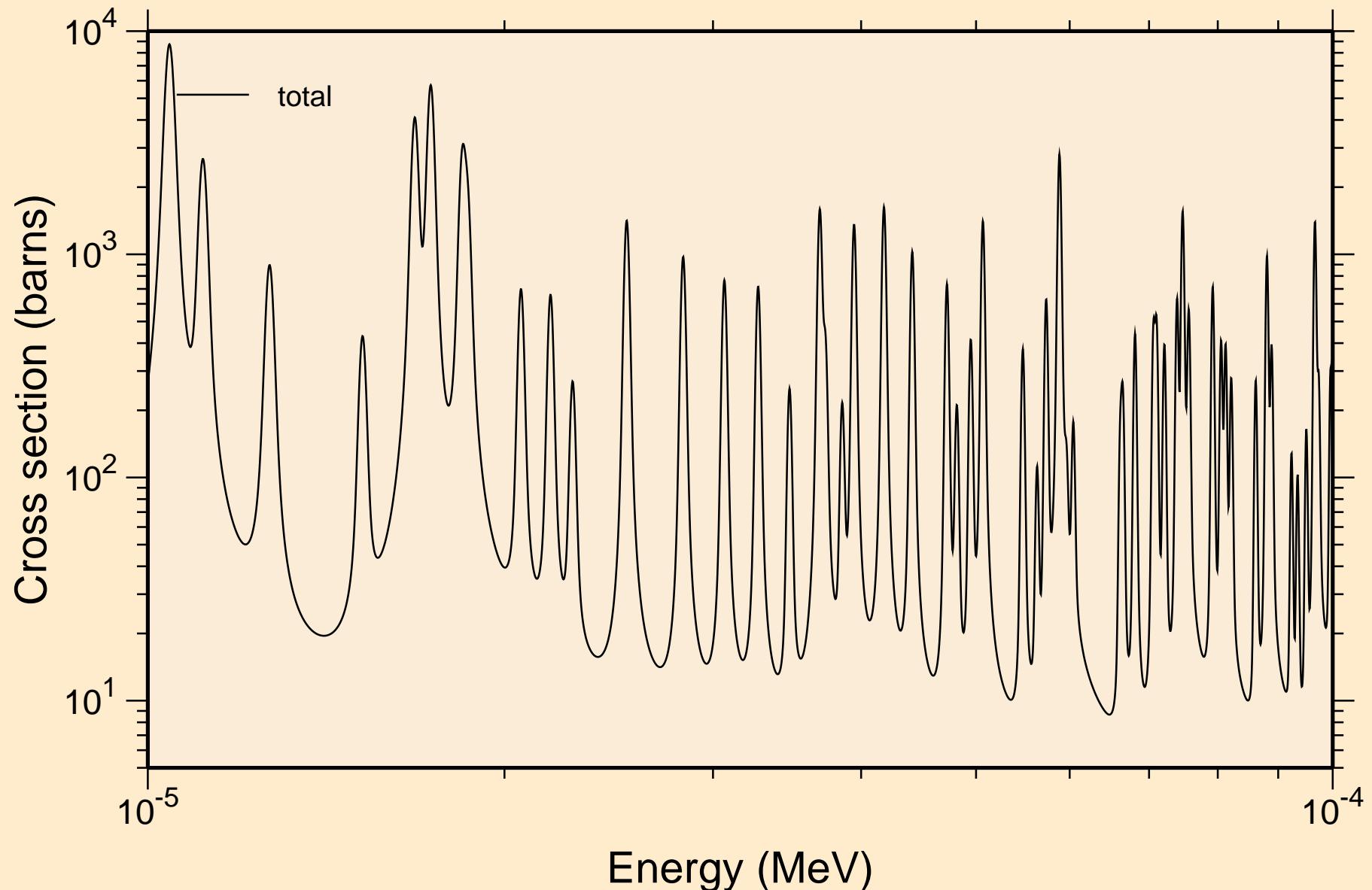
ENDF/B-VII SM-151  
resonance total cross section



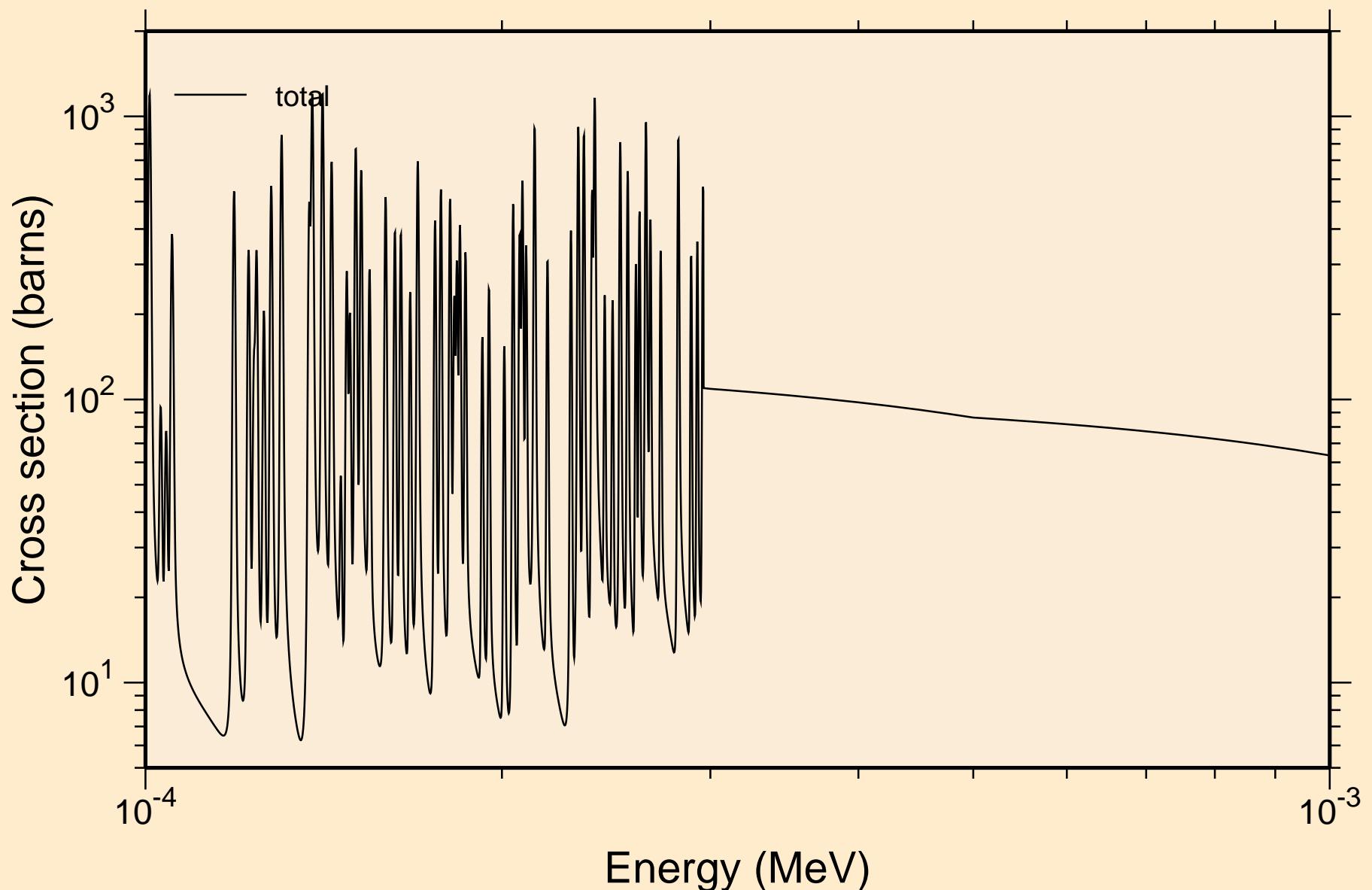
ENDF/B-VII SM-151  
resonance total cross section



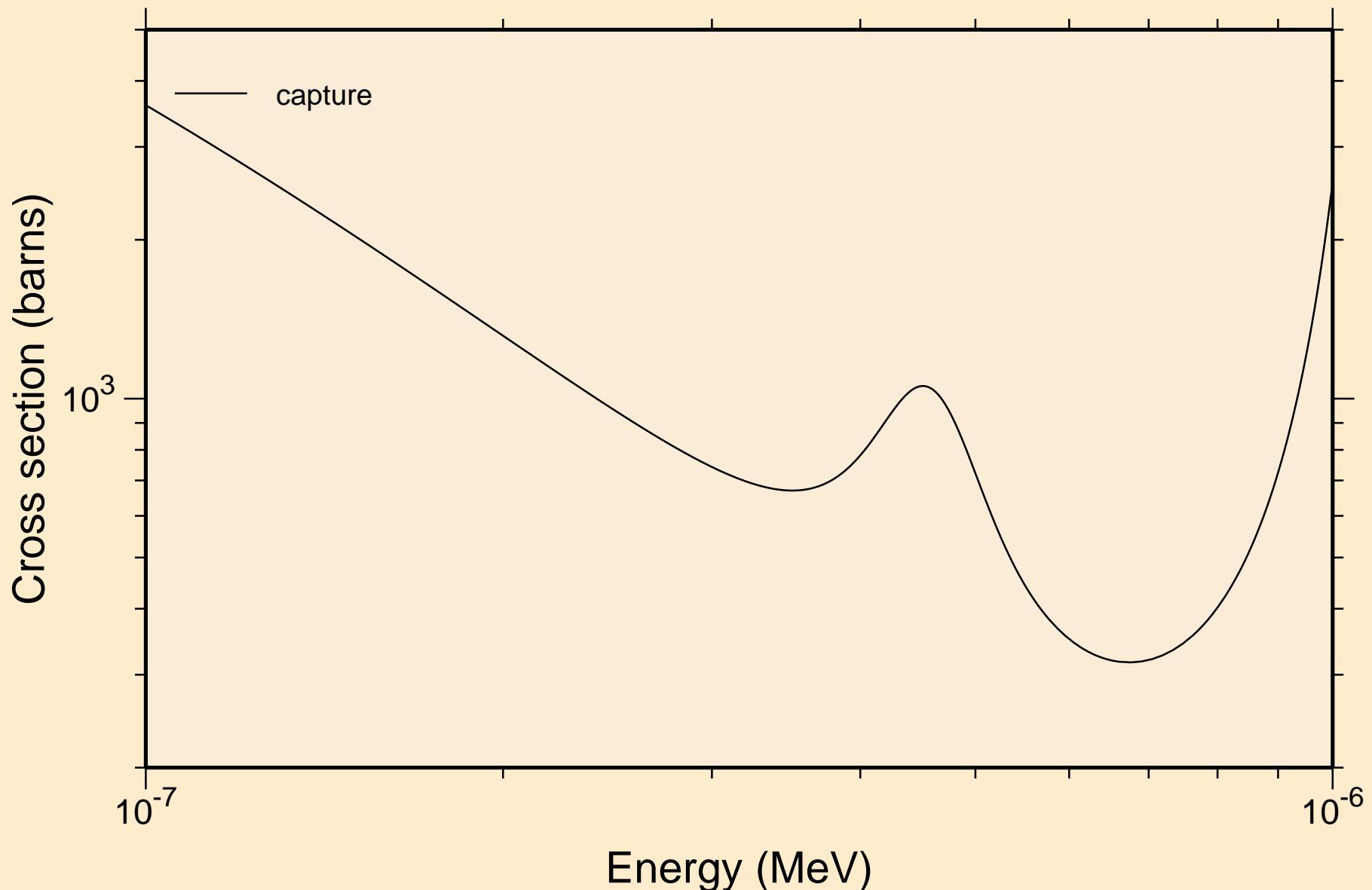
ENDF/B-VII SM-151  
resonance total cross section



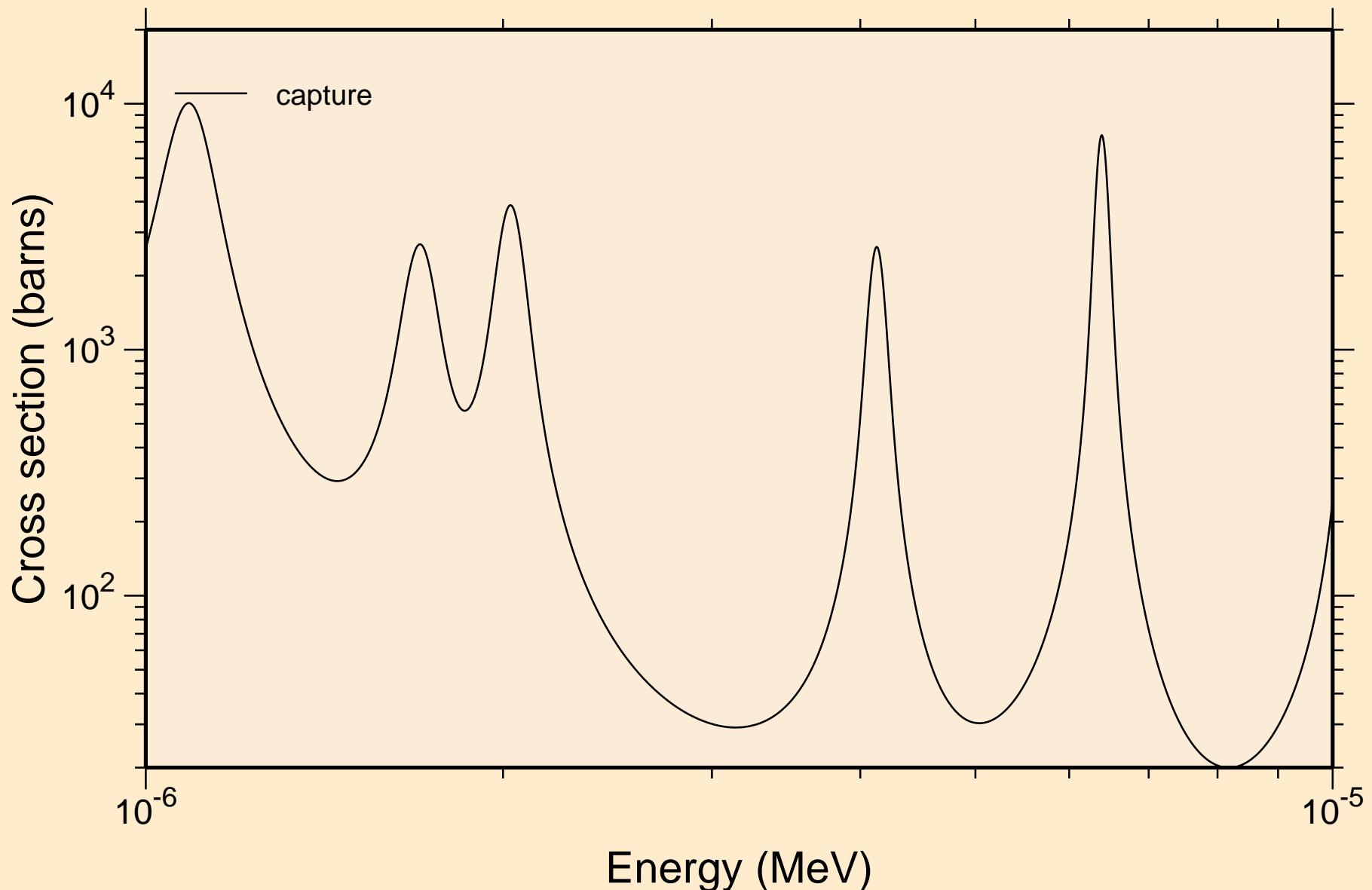
ENDF/B-VII SM-151  
resonance total cross section



ENDF/B-VII SM-151  
resonance absorption cross sections

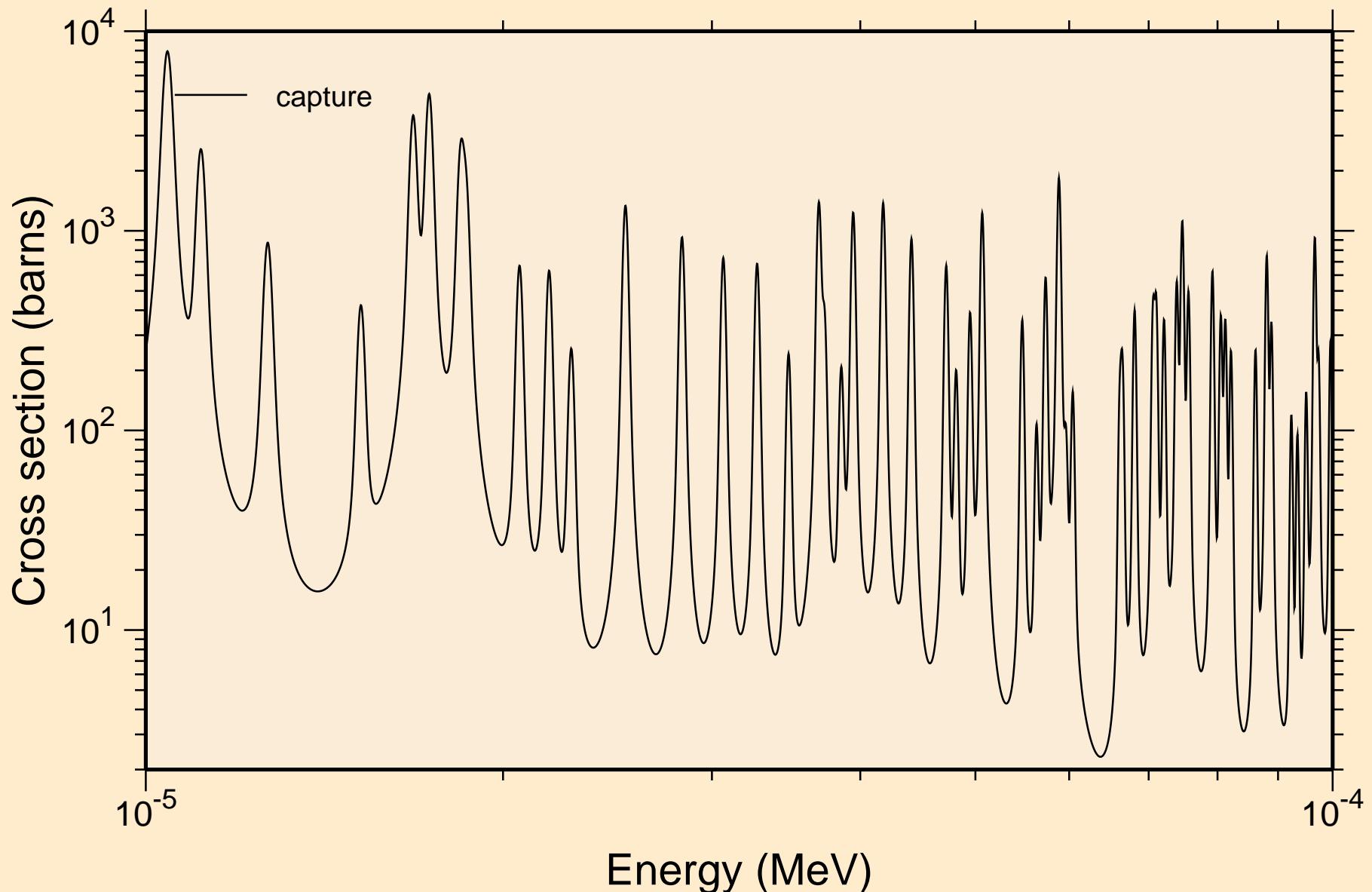


ENDF/B-VII SM-151  
resonance absorption cross sections



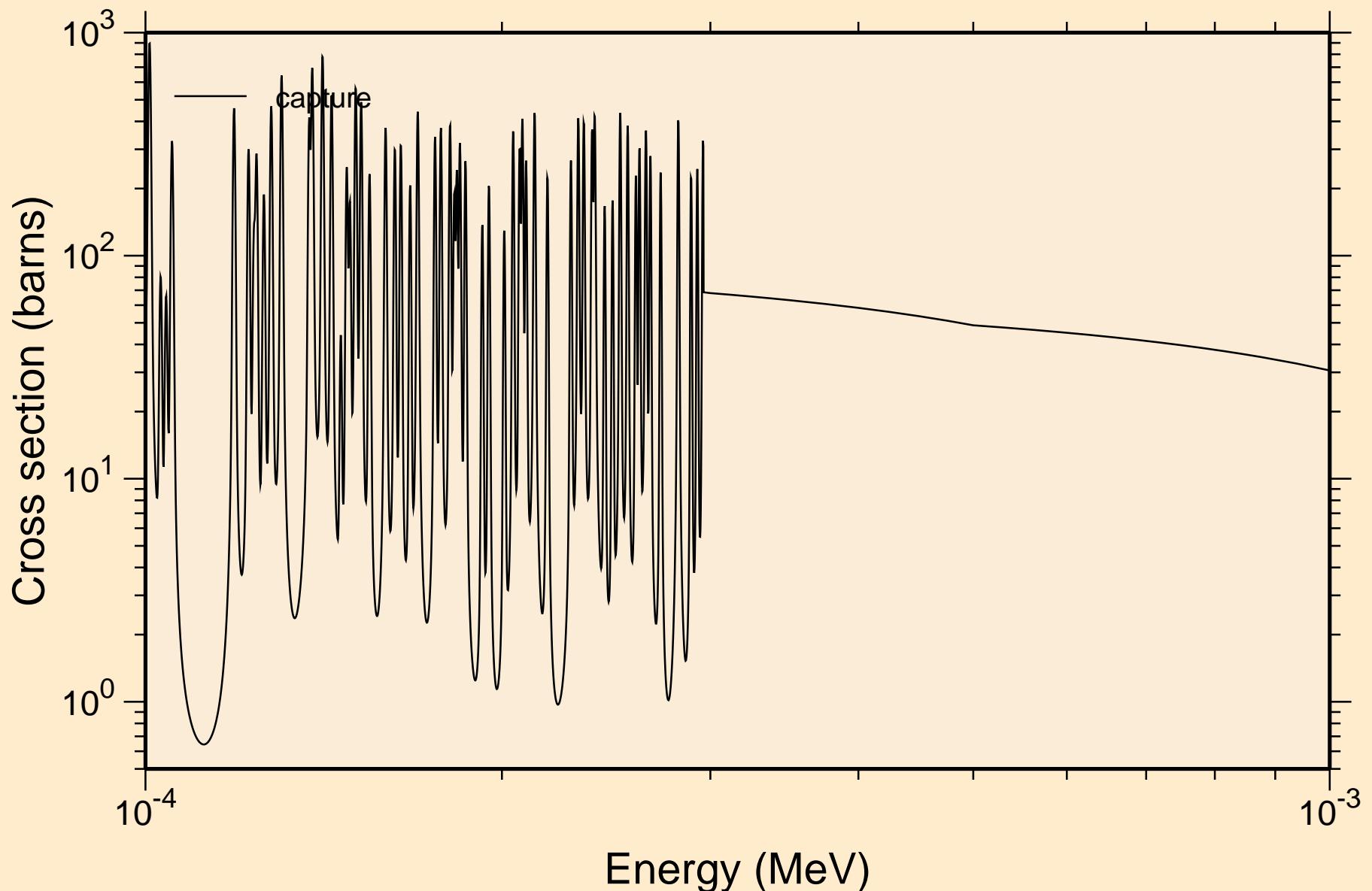
# ENDF/B-VII SM-151

## resonance absorption cross sections

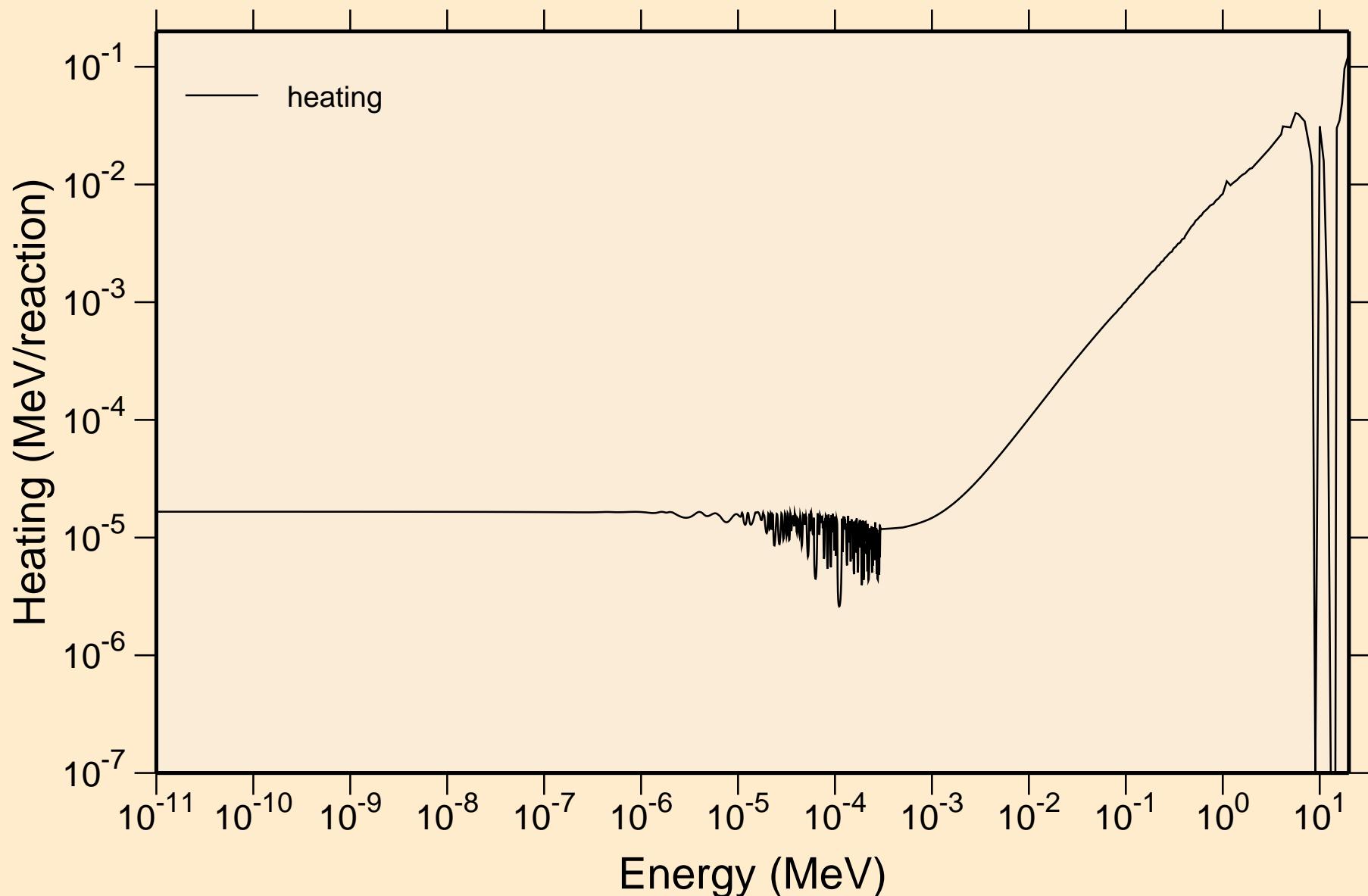


# ENDF/B-VII SM-151

## resonance absorption cross sections

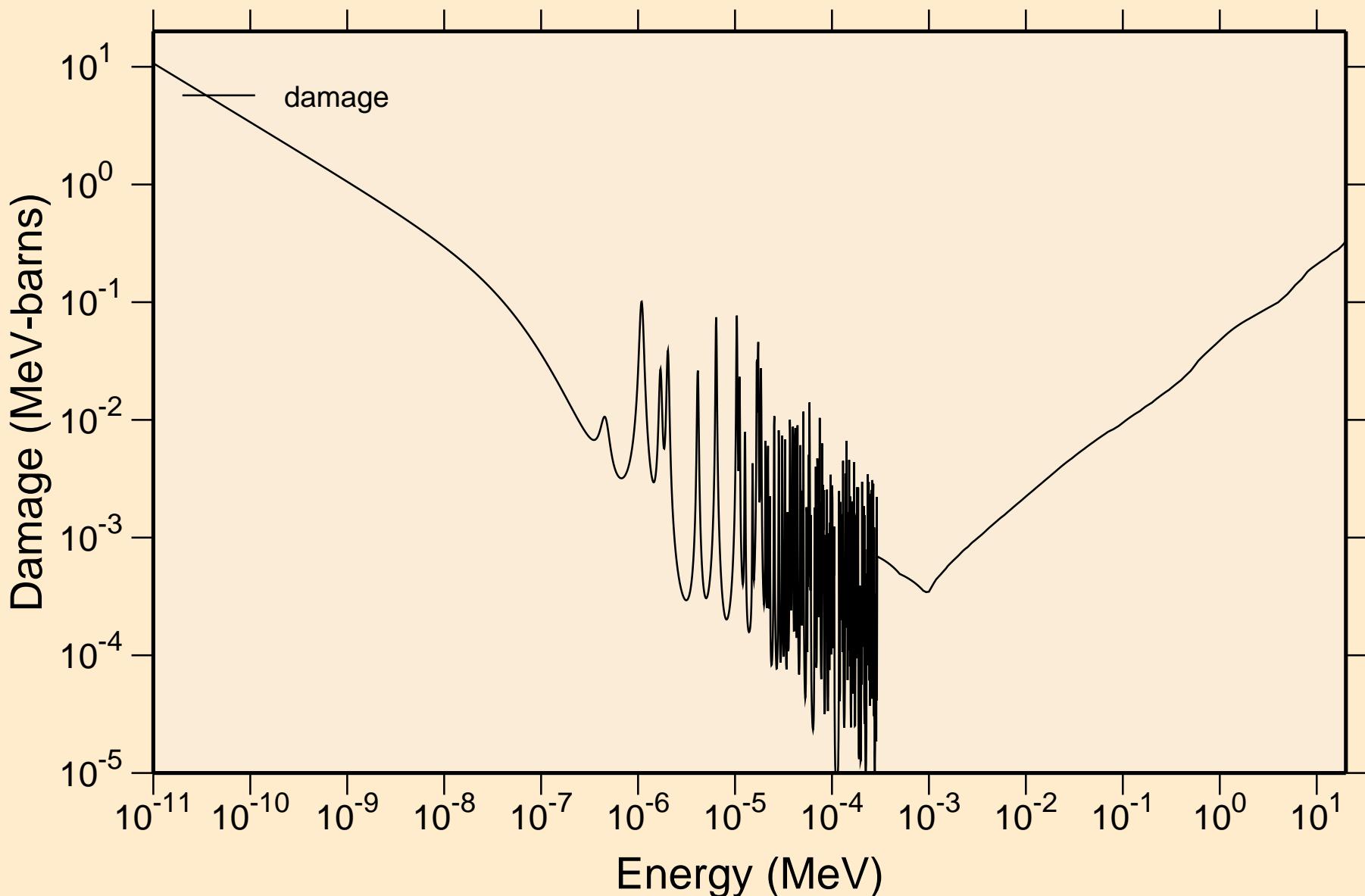


ENDF/B-VII SM-151  
Heating

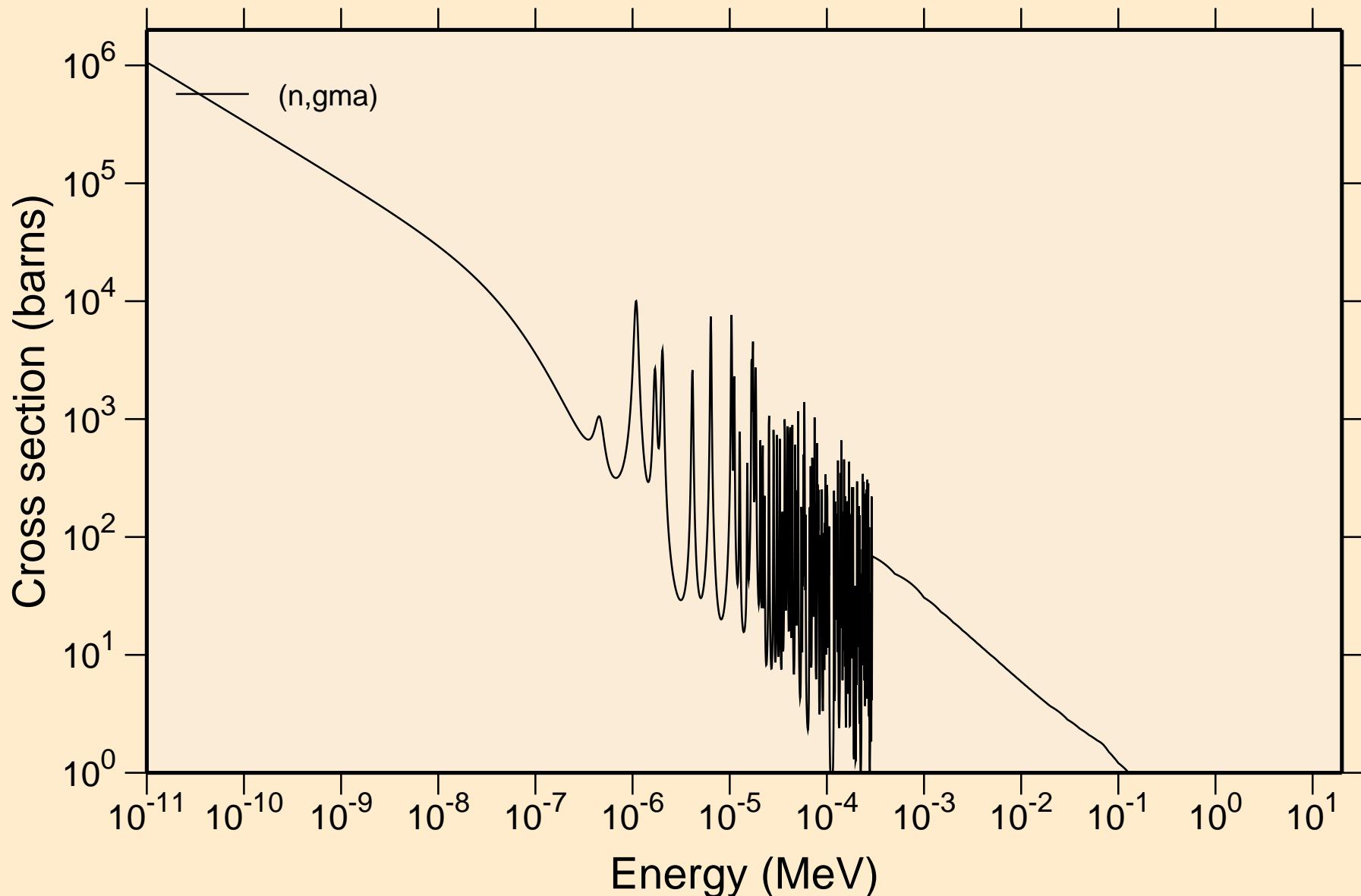


# ENDF/B-VII SM-151

## Damage

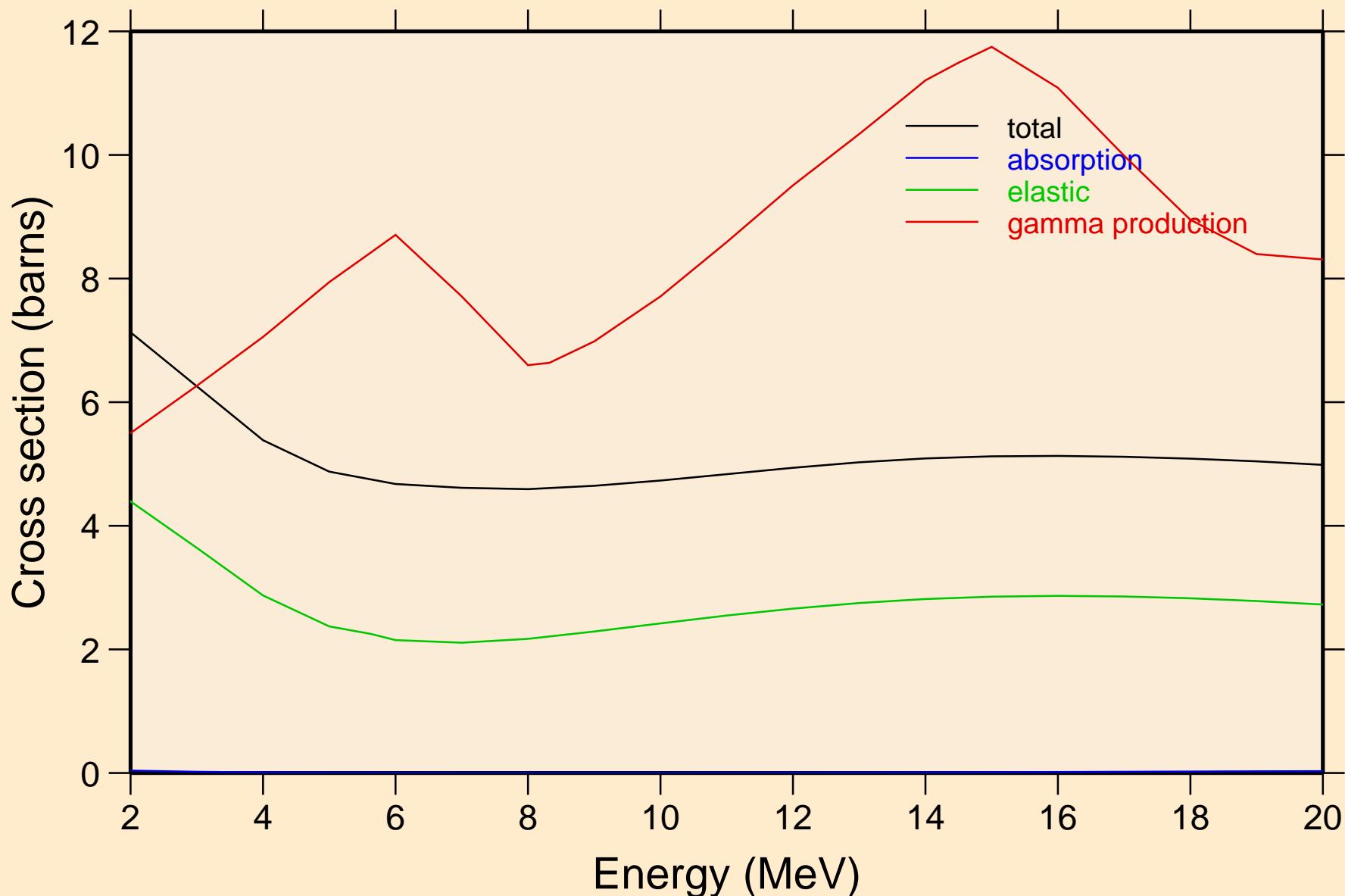


ENDF/B-VII SM-151  
Non-threshold reactions

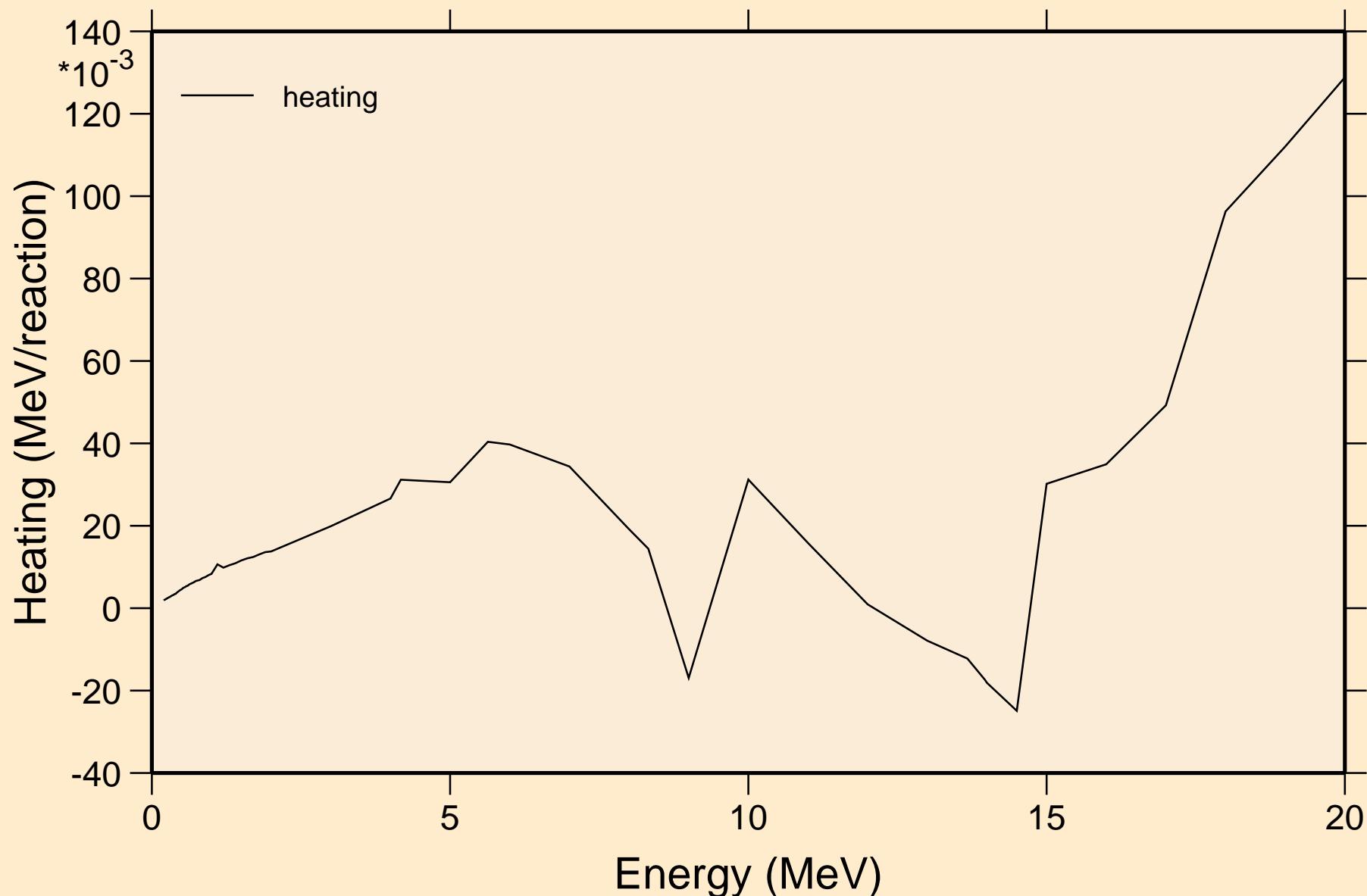


# ENDF/B-VII SM-151

## Principal cross sections

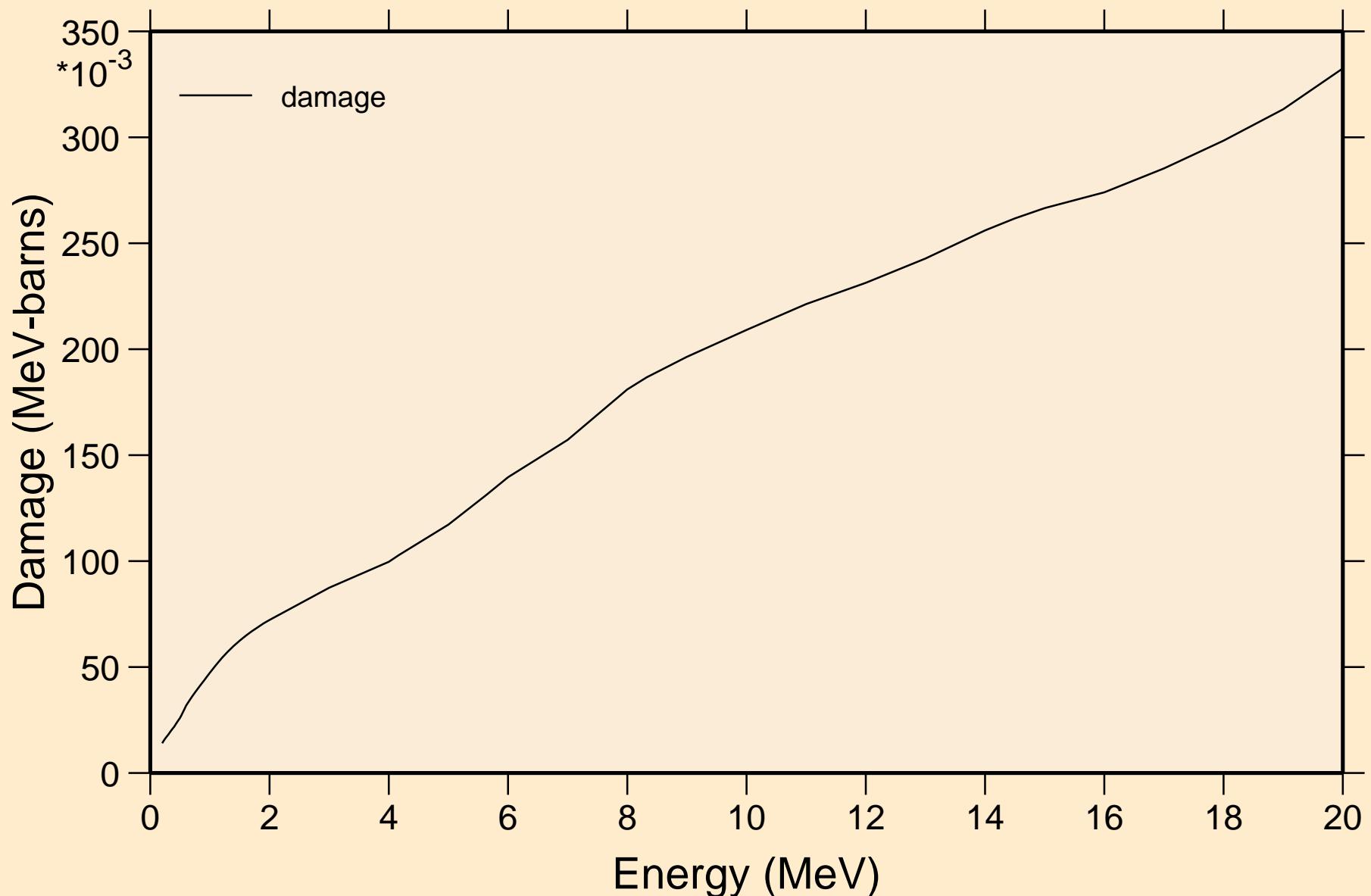


ENDF/B-VII SM-151  
Heating

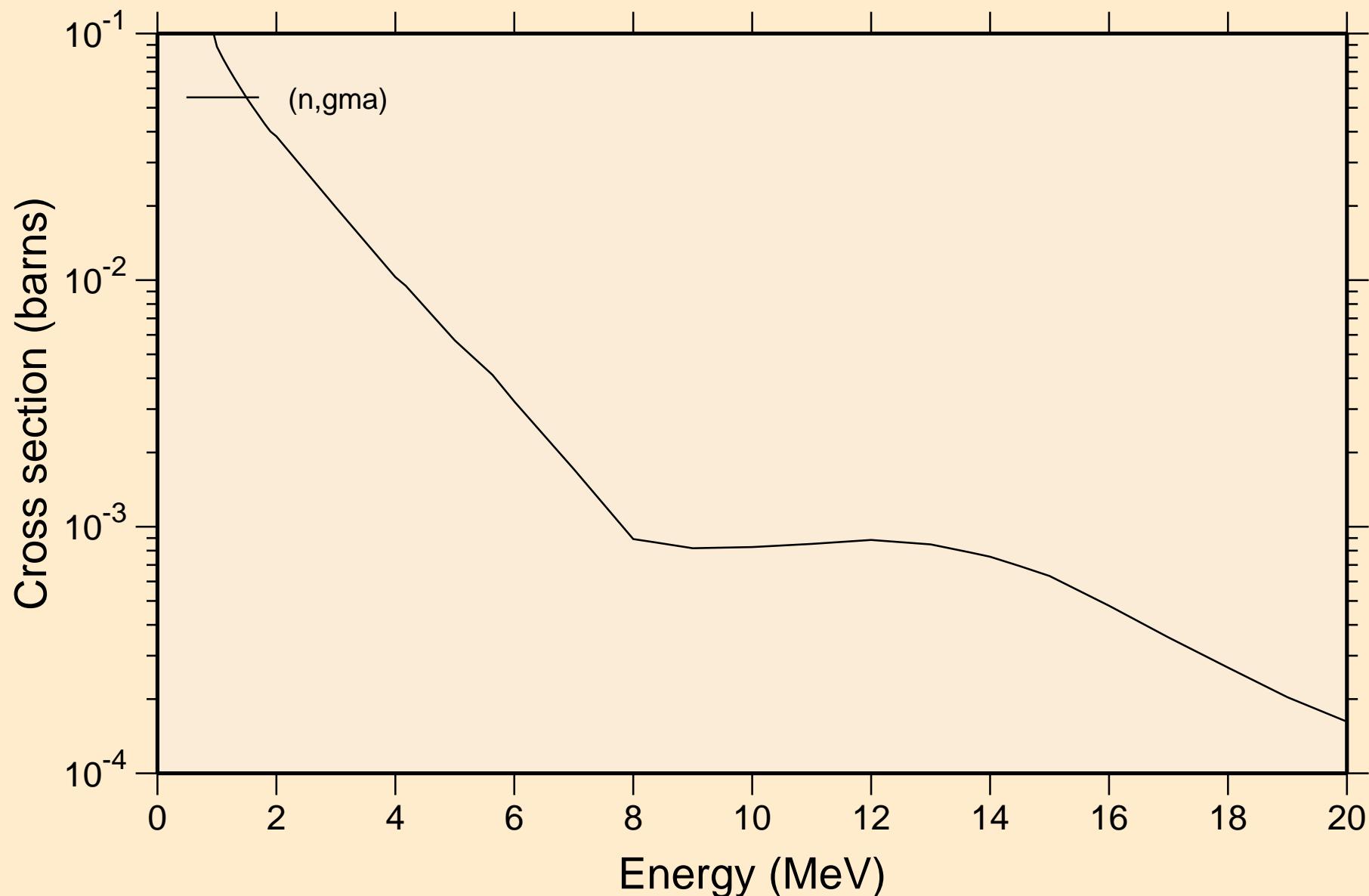


# ENDF/B-VII SM-151

## Damage

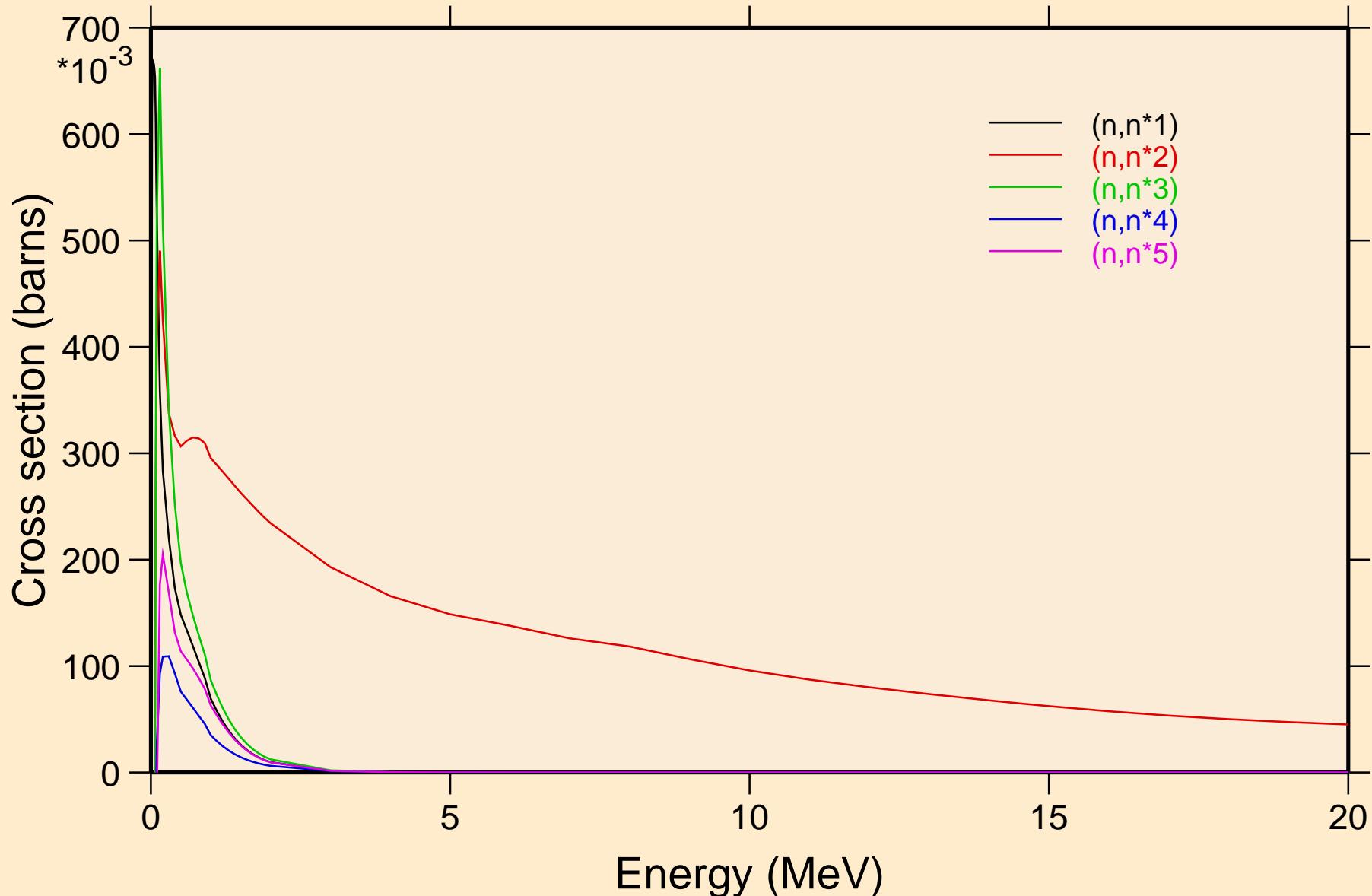


ENDF/B-VII SM-151  
Non-threshold reactions



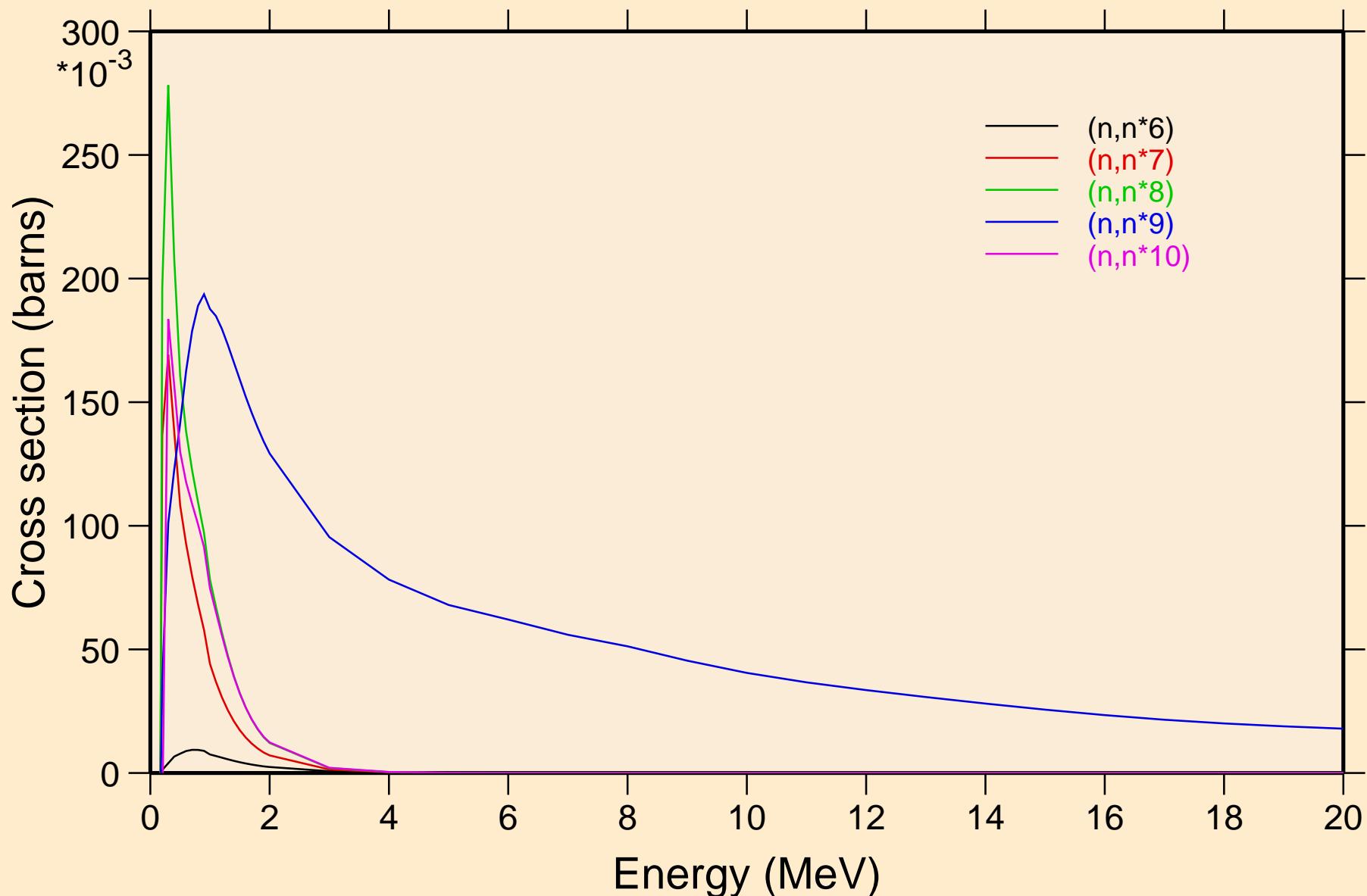
# ENDF/B-VII SM-151

## Inelastic levels



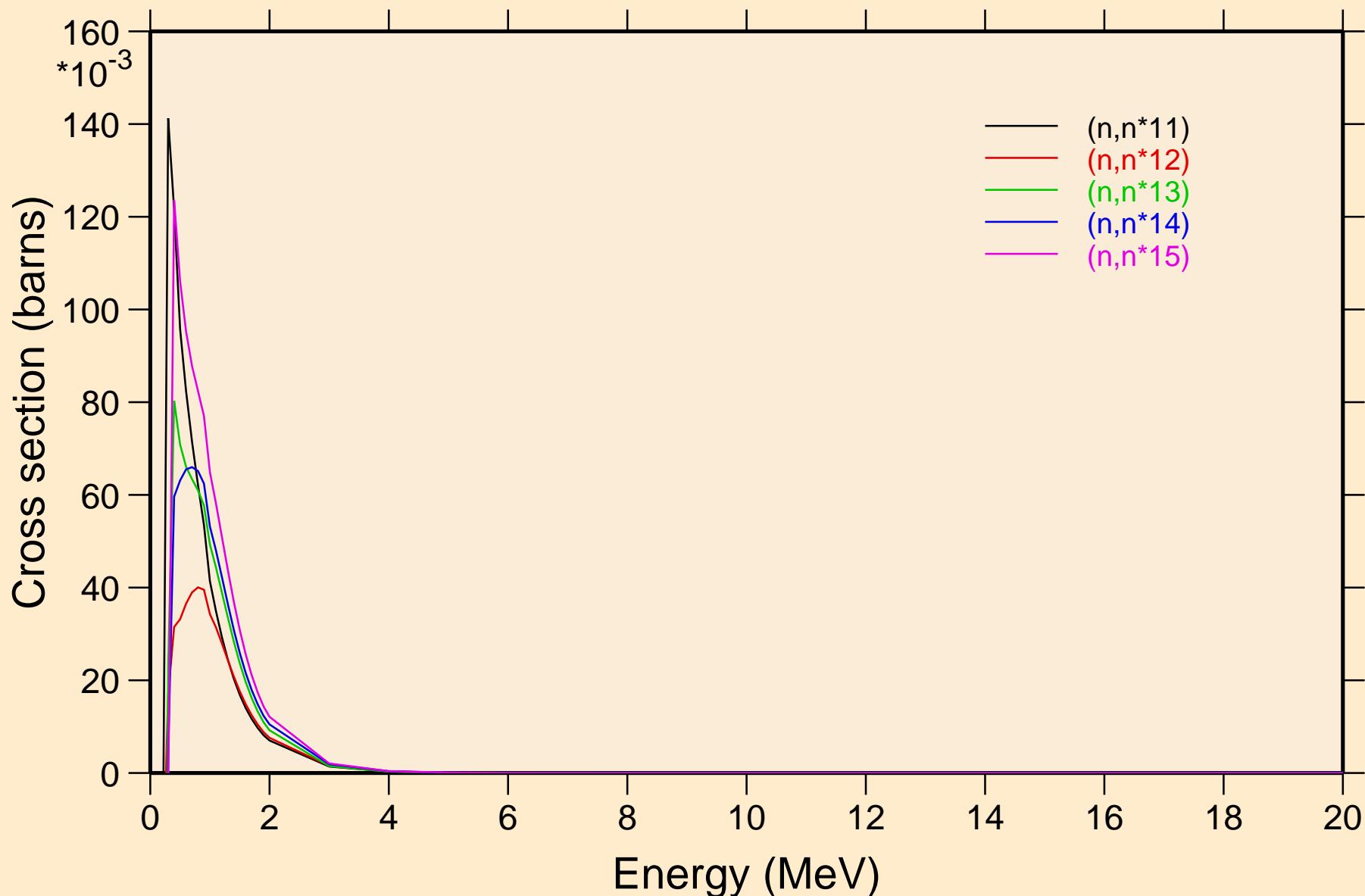
# ENDF/B-VII SM-151

## Inelastic levels



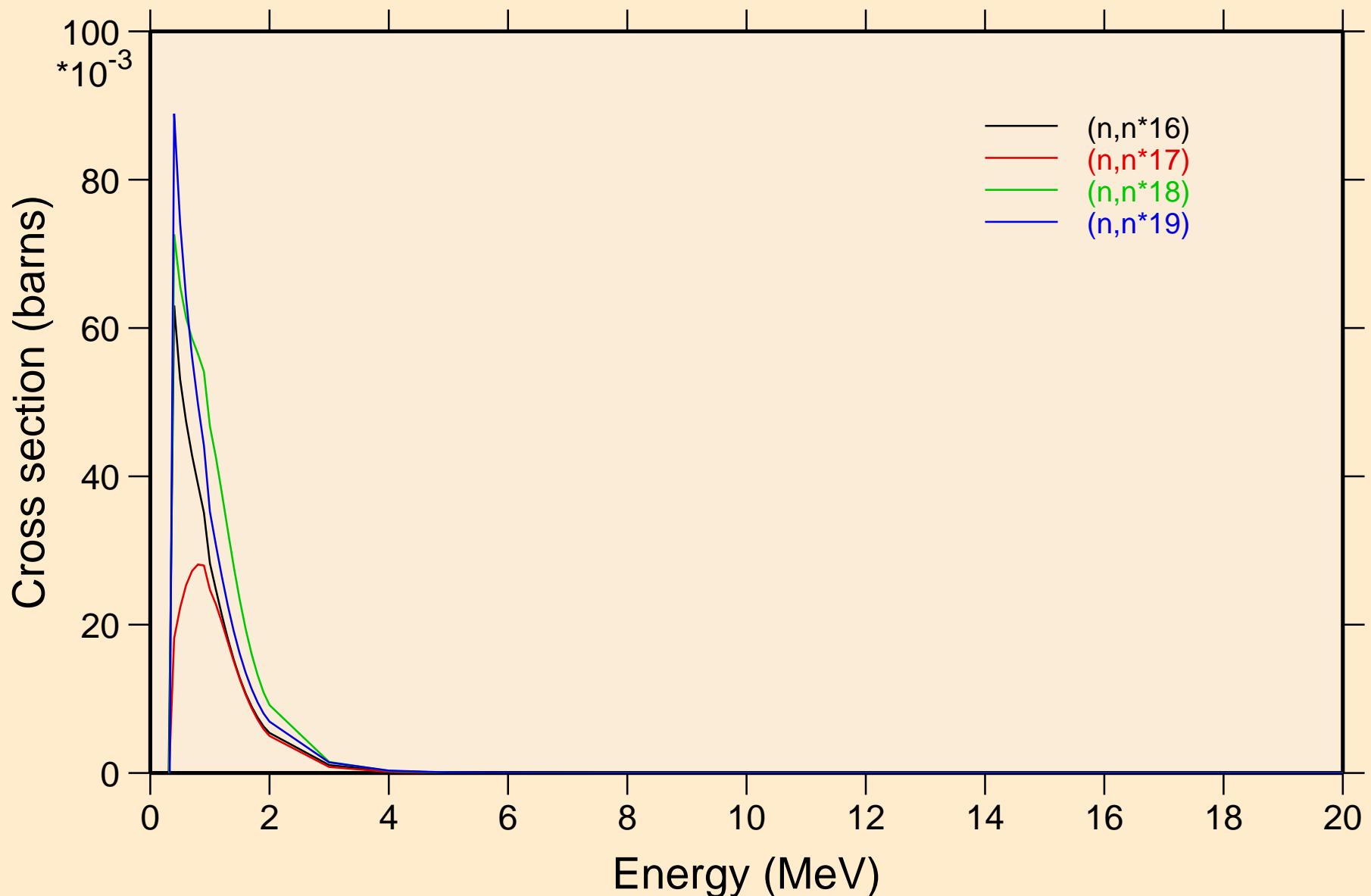
# ENDF/B-VII SM-151

## Inelastic levels



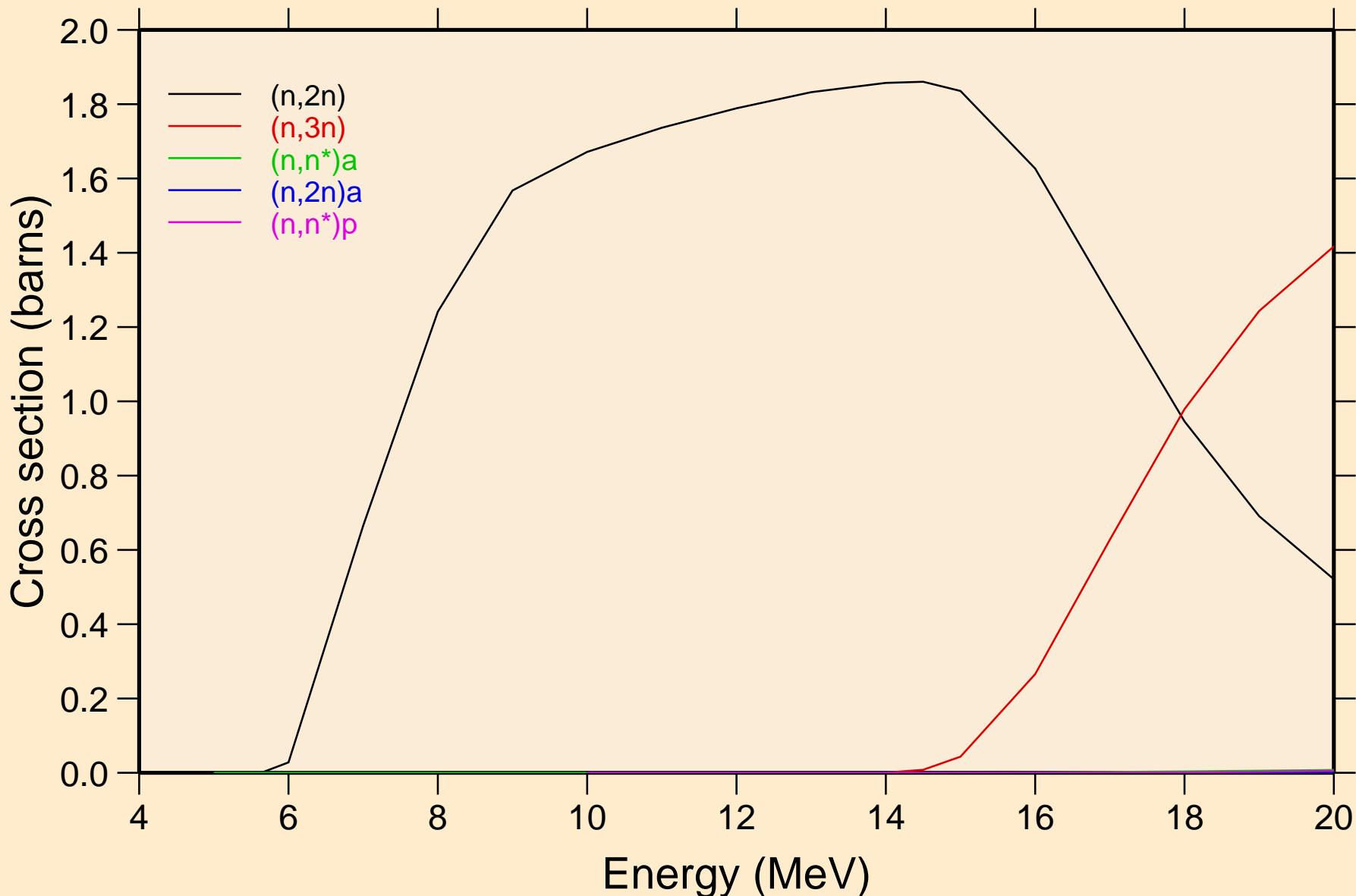
# ENDF/B-VII SM-151

## Inelastic levels



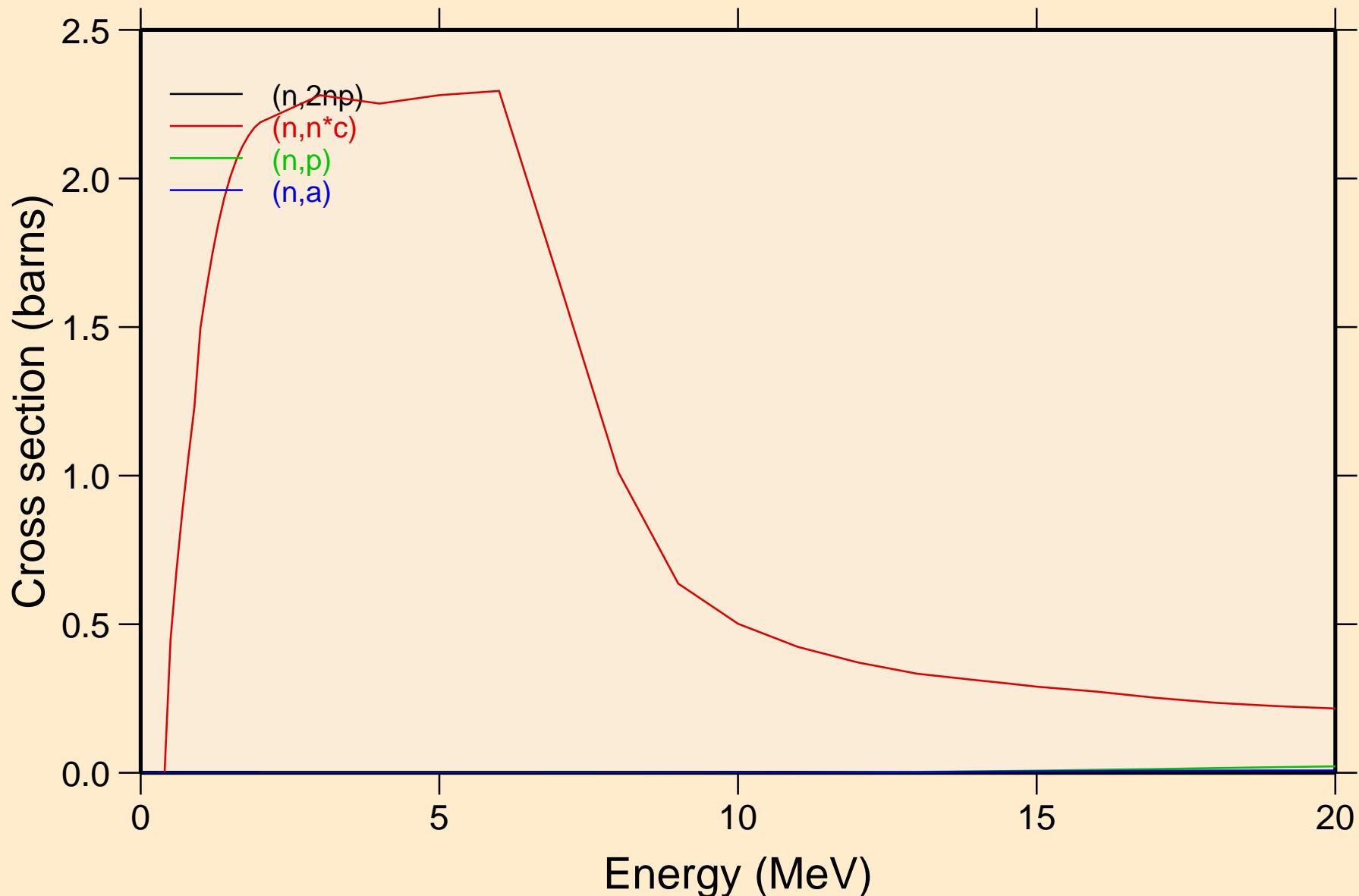
# ENDF/B-VII SM-151

## Threshold reactions



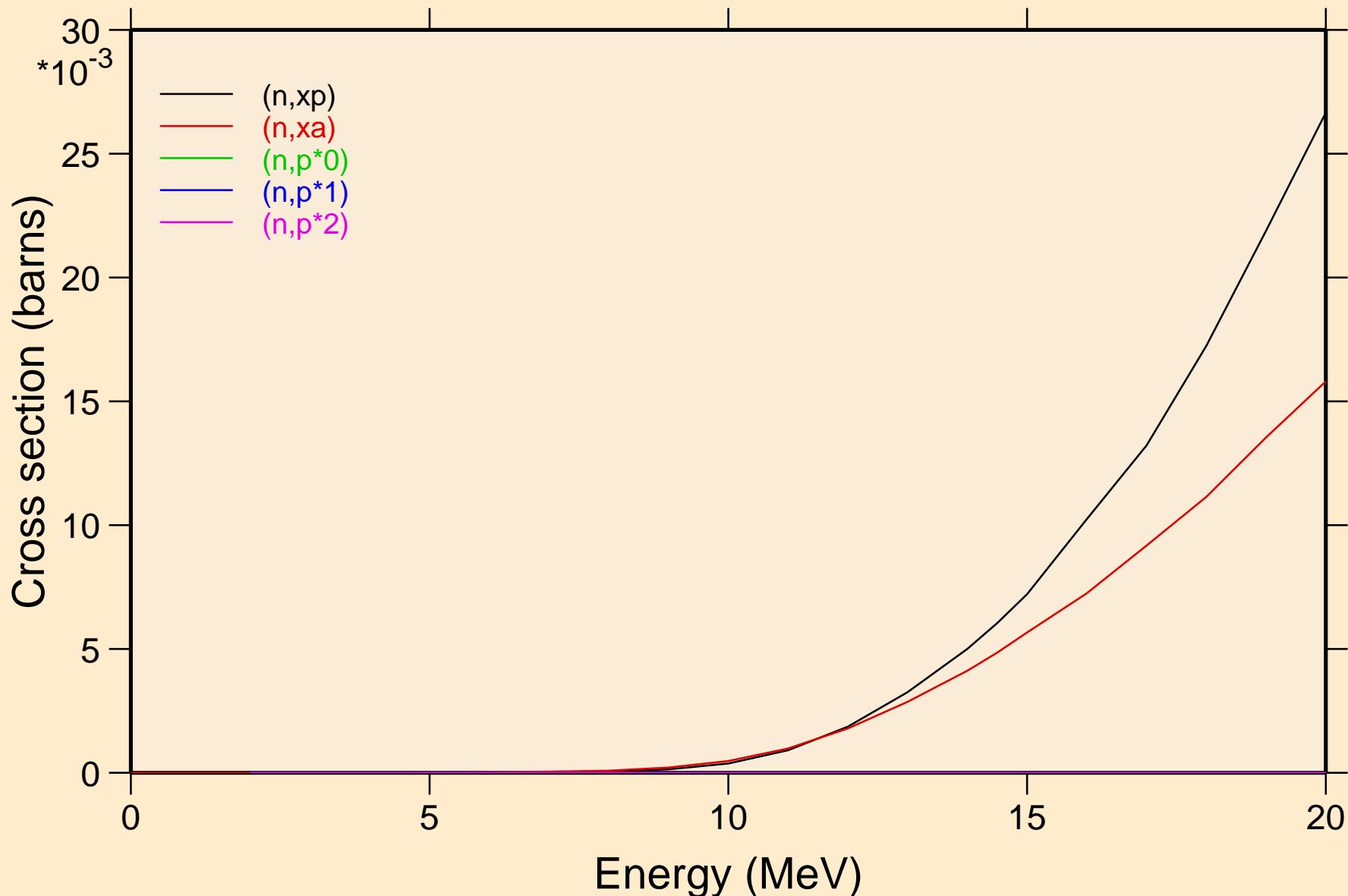
# ENDF/B-VII SM-151

## Threshold reactions



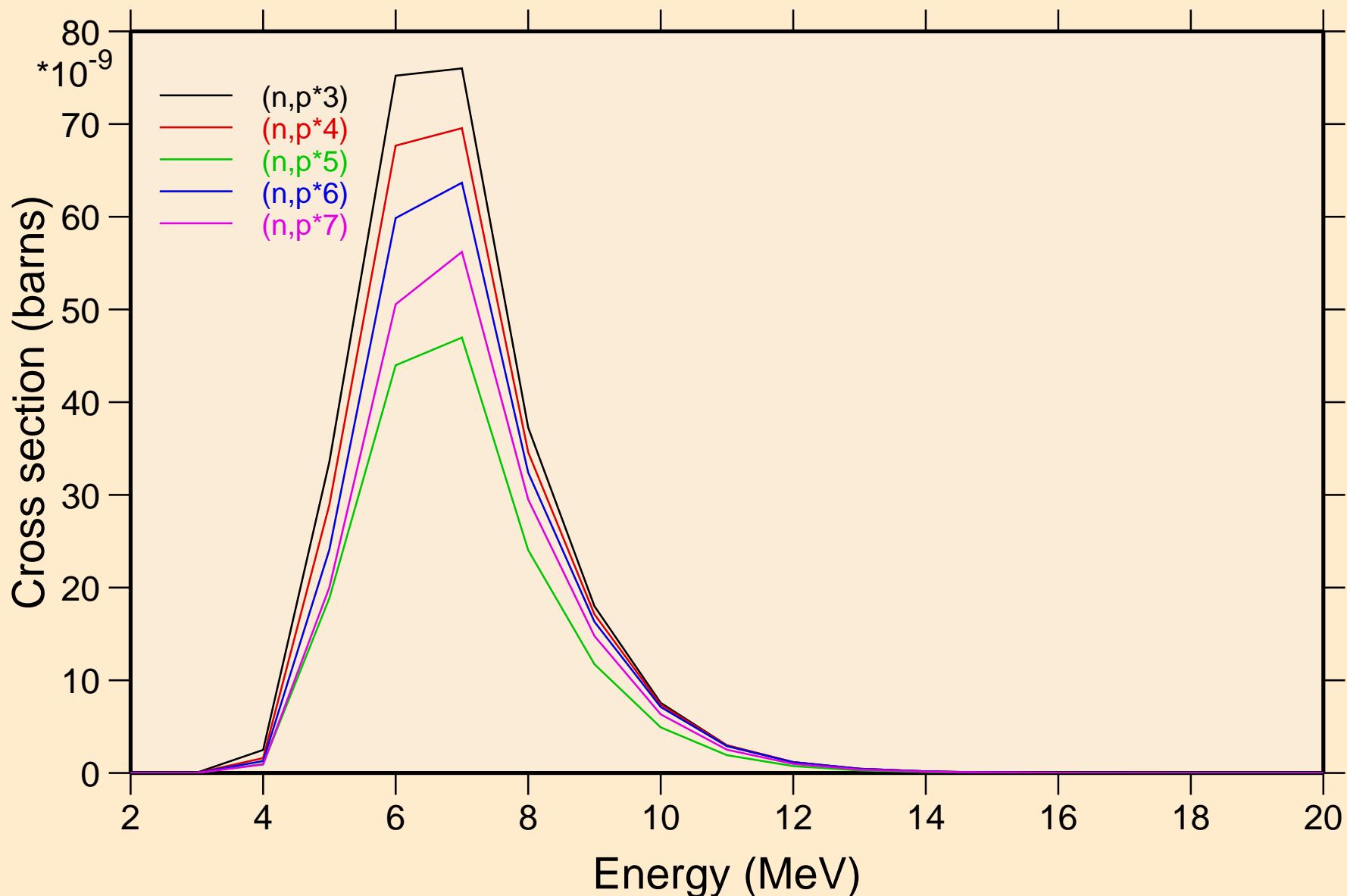
# ENDF/B-VII SM-151

## Threshold reactions



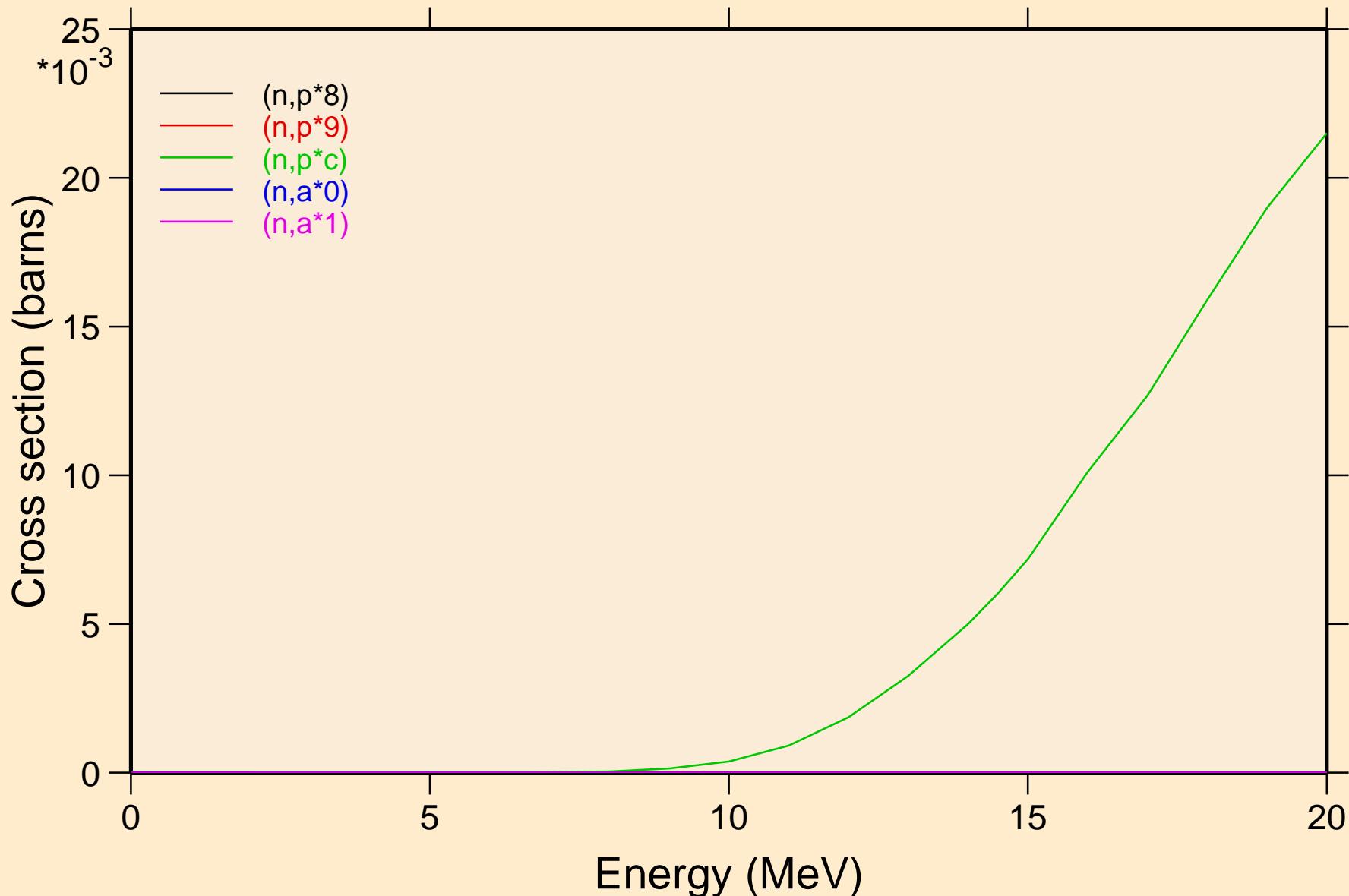
# ENDF/B-VII SM-151

## Threshold reactions



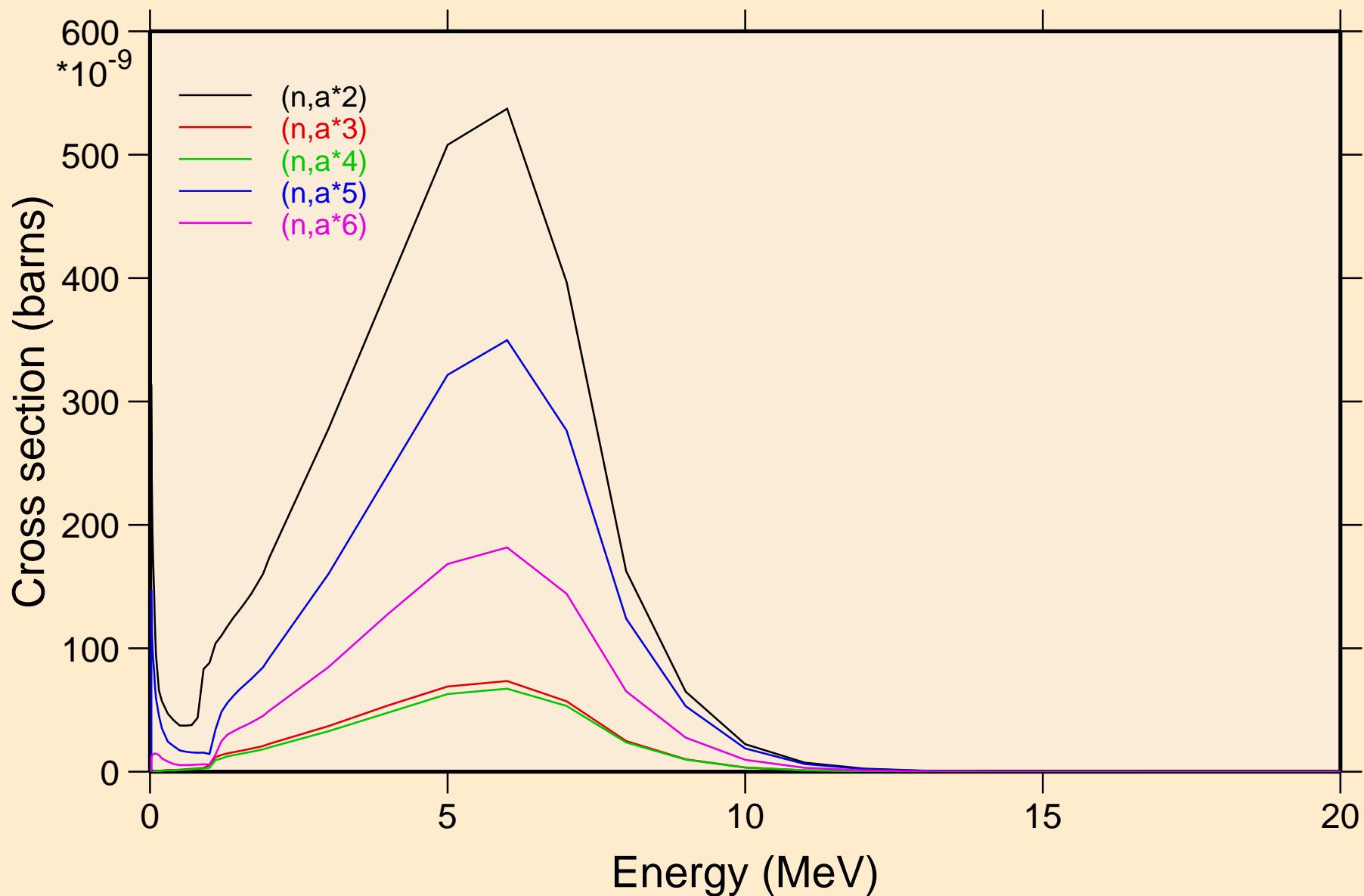
# ENDF/B-VII SM-151

## Threshold reactions



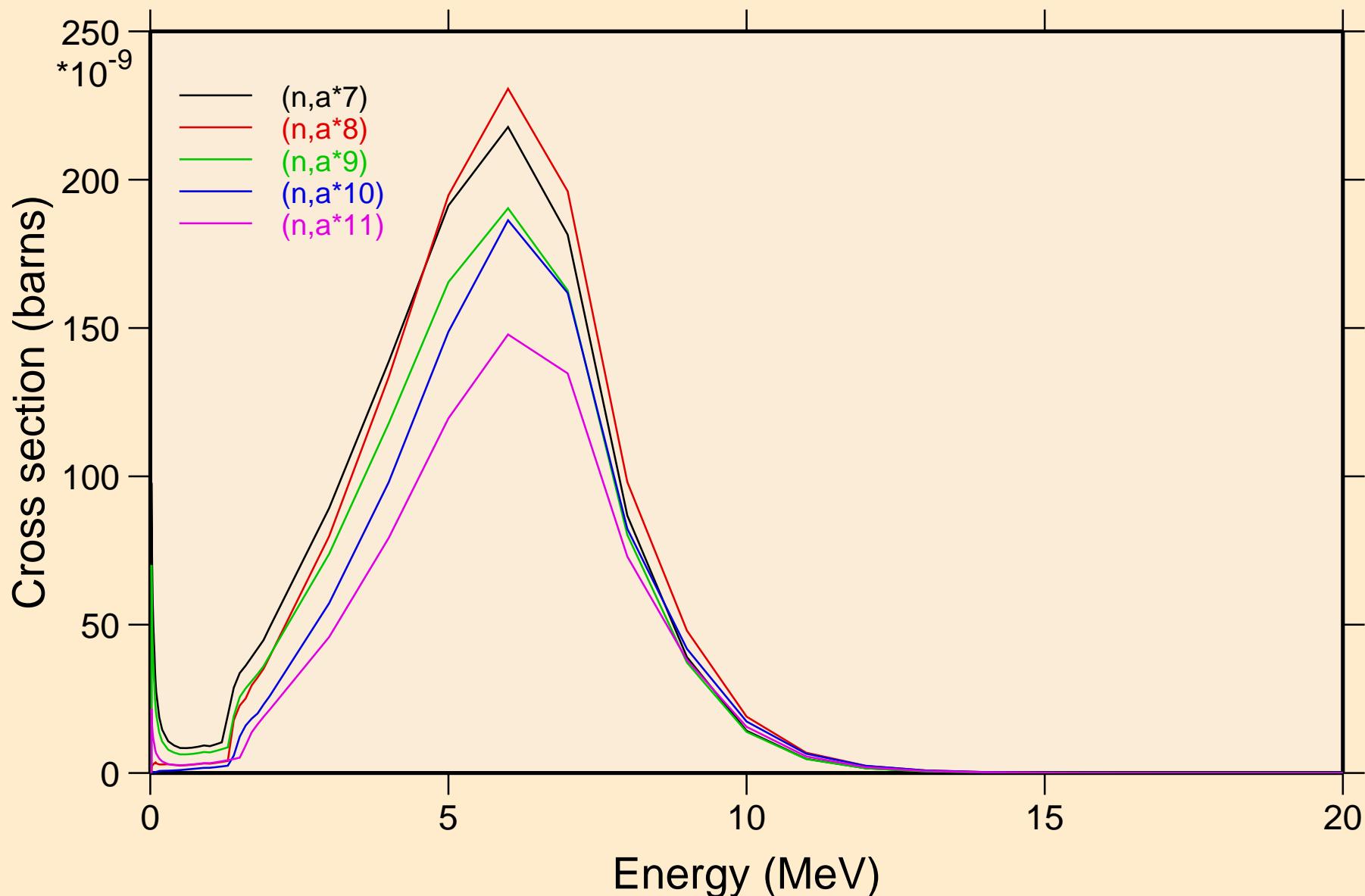
# ENDF/B-VII SM-151

## Threshold reactions



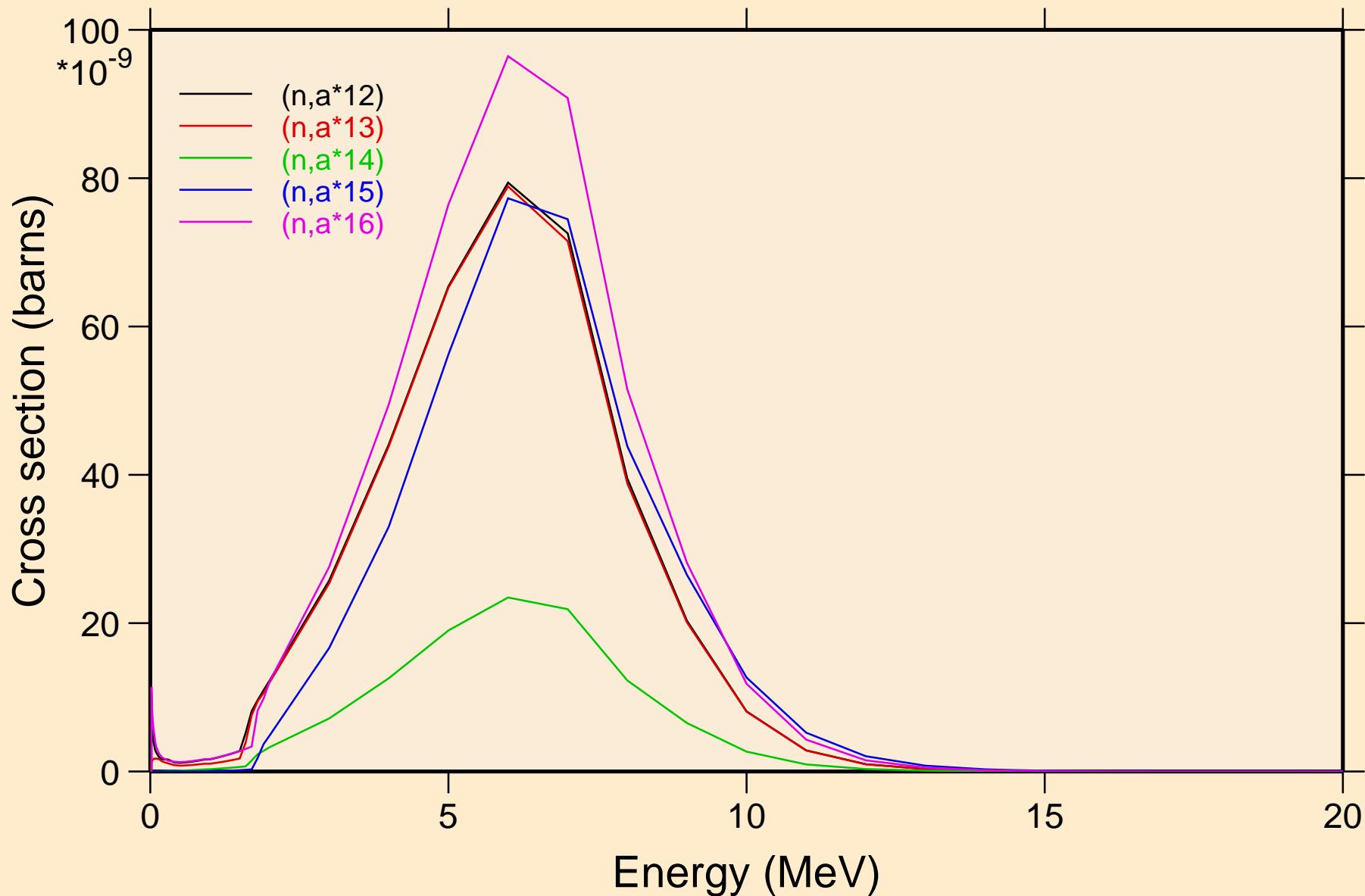
# ENDF/B-VII SM-151

## Threshold reactions

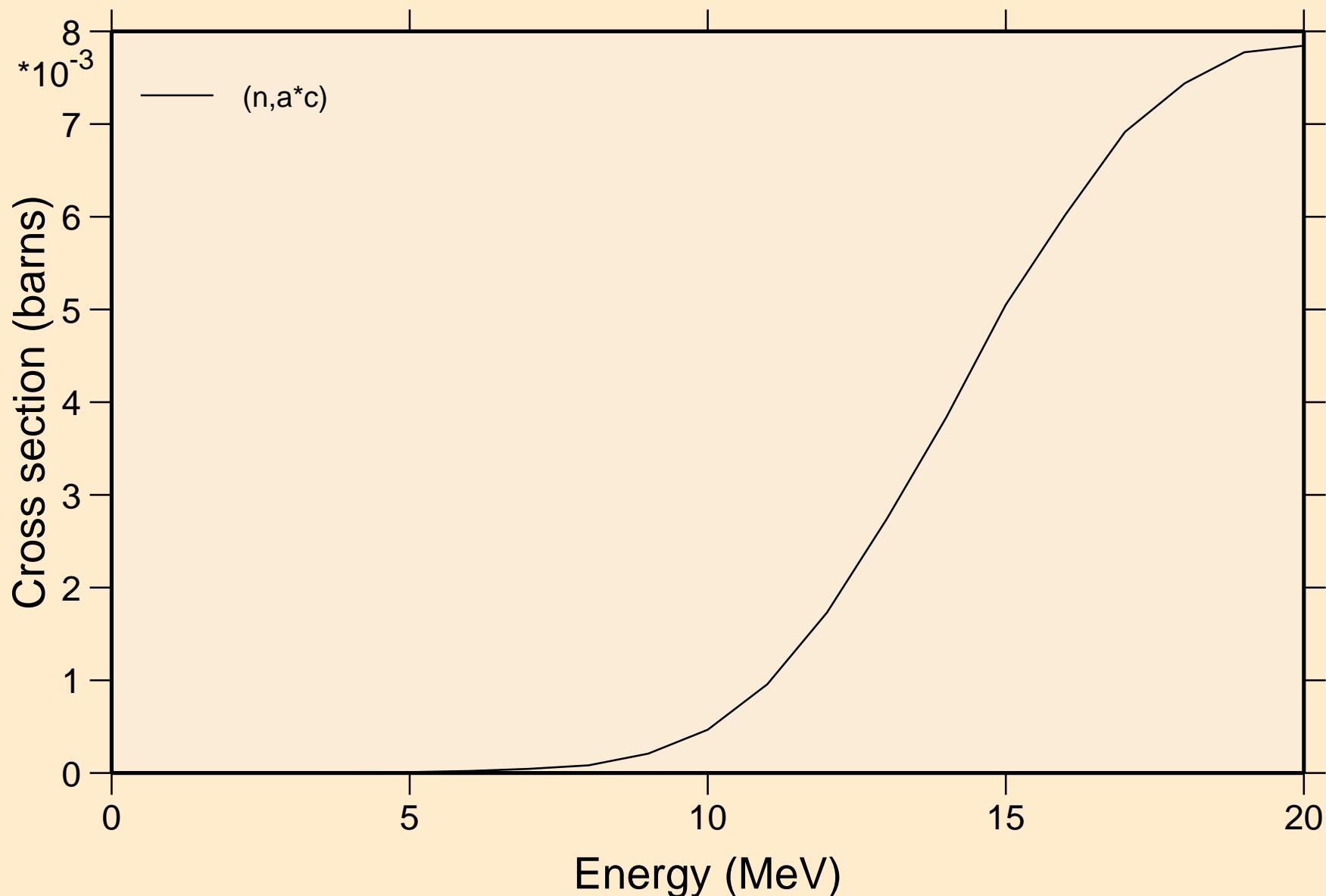


# ENDF/B-VII SM-151

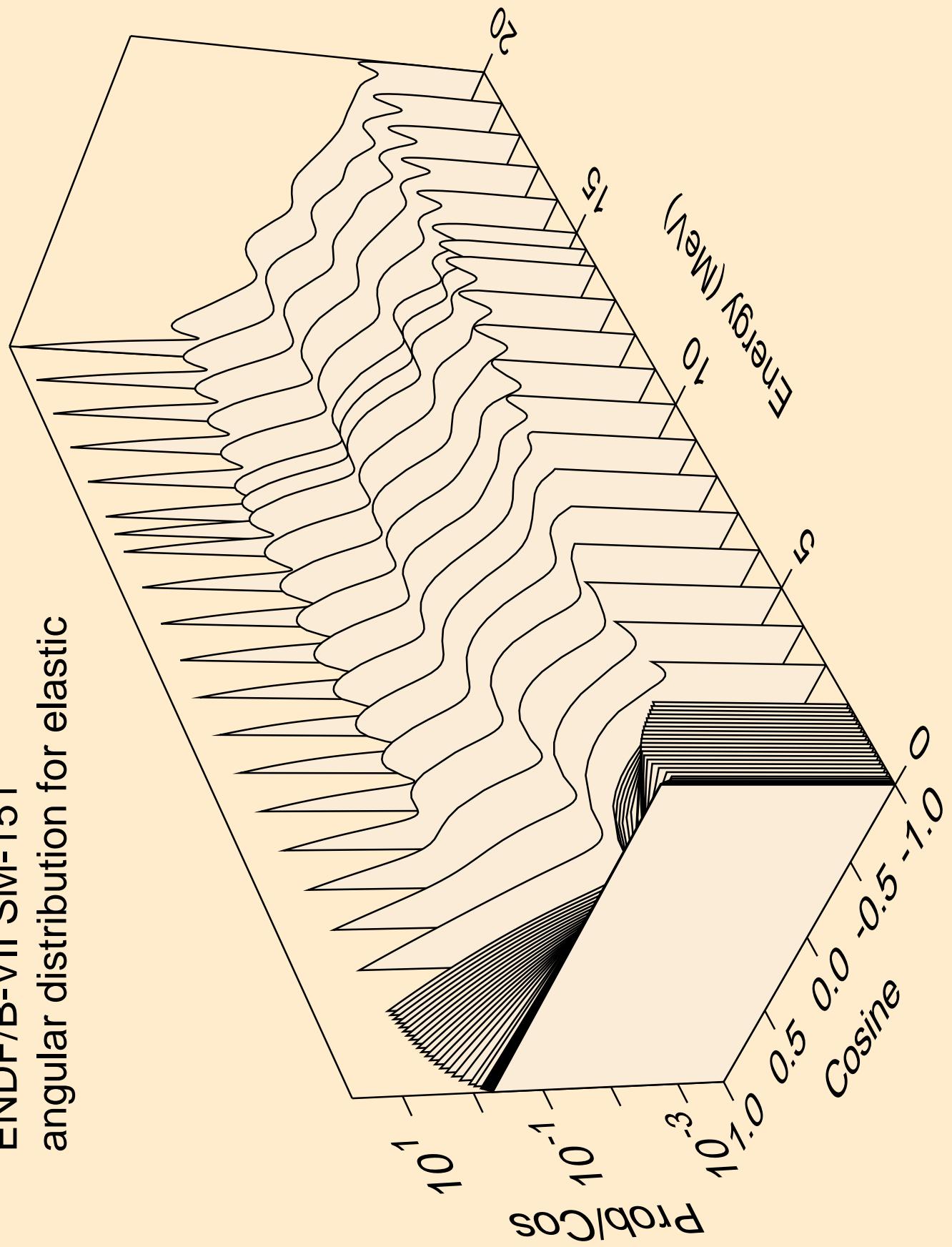
## Threshold reactions



ENDF/B-VII SM-151  
Threshold reactions

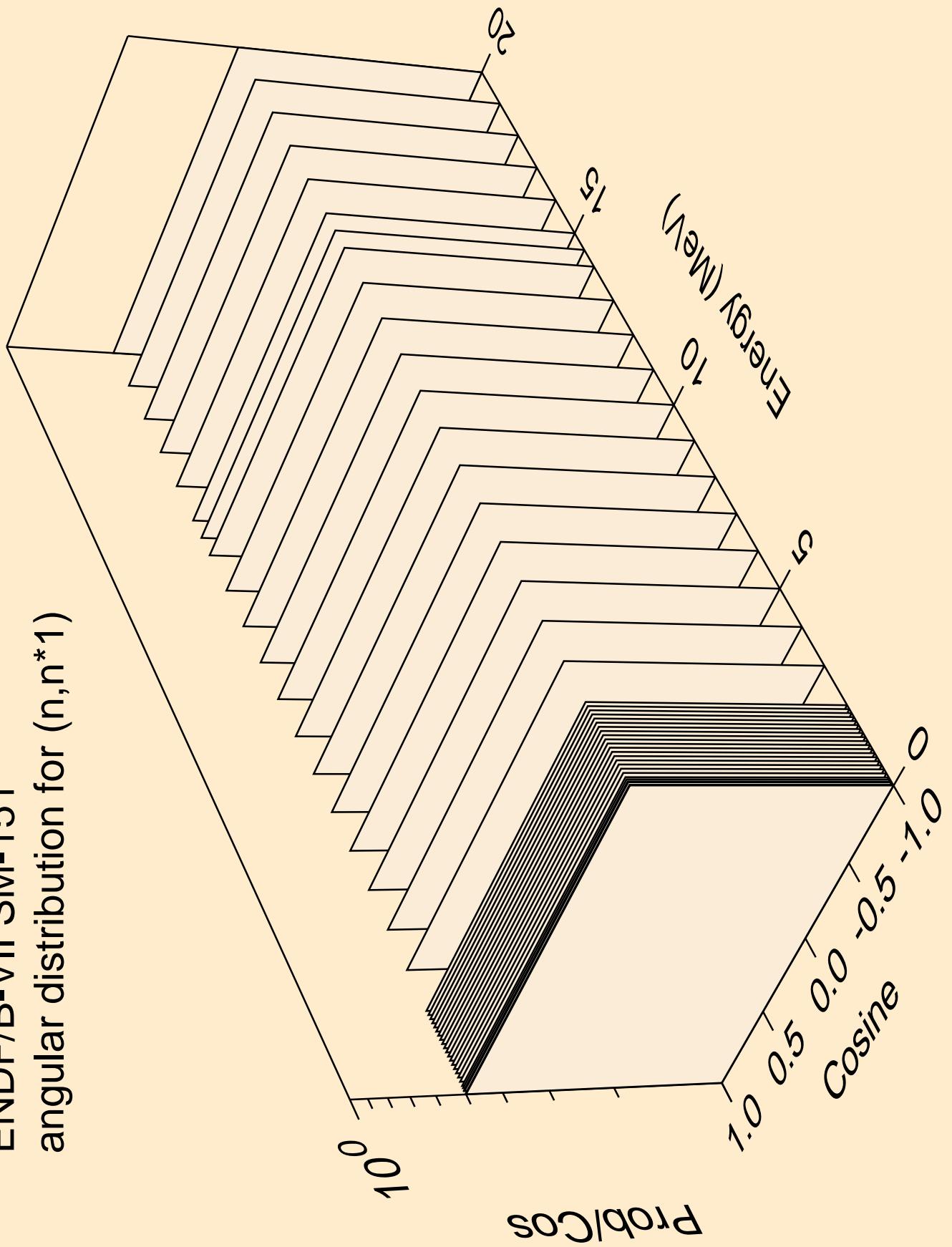


ENDF/B-VII SM-151  
angular distribution for elastic

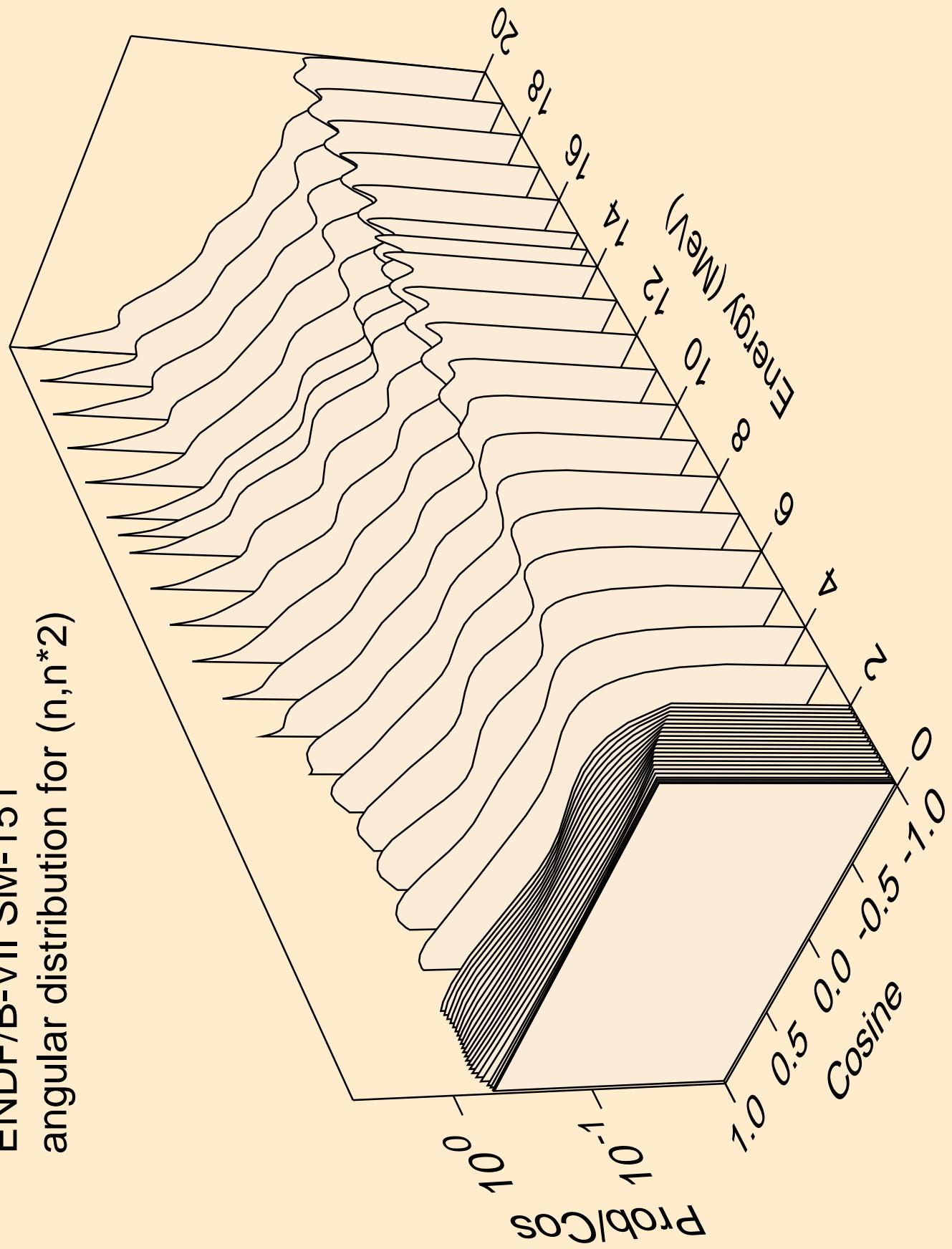


ENDF/B-VII SM-151

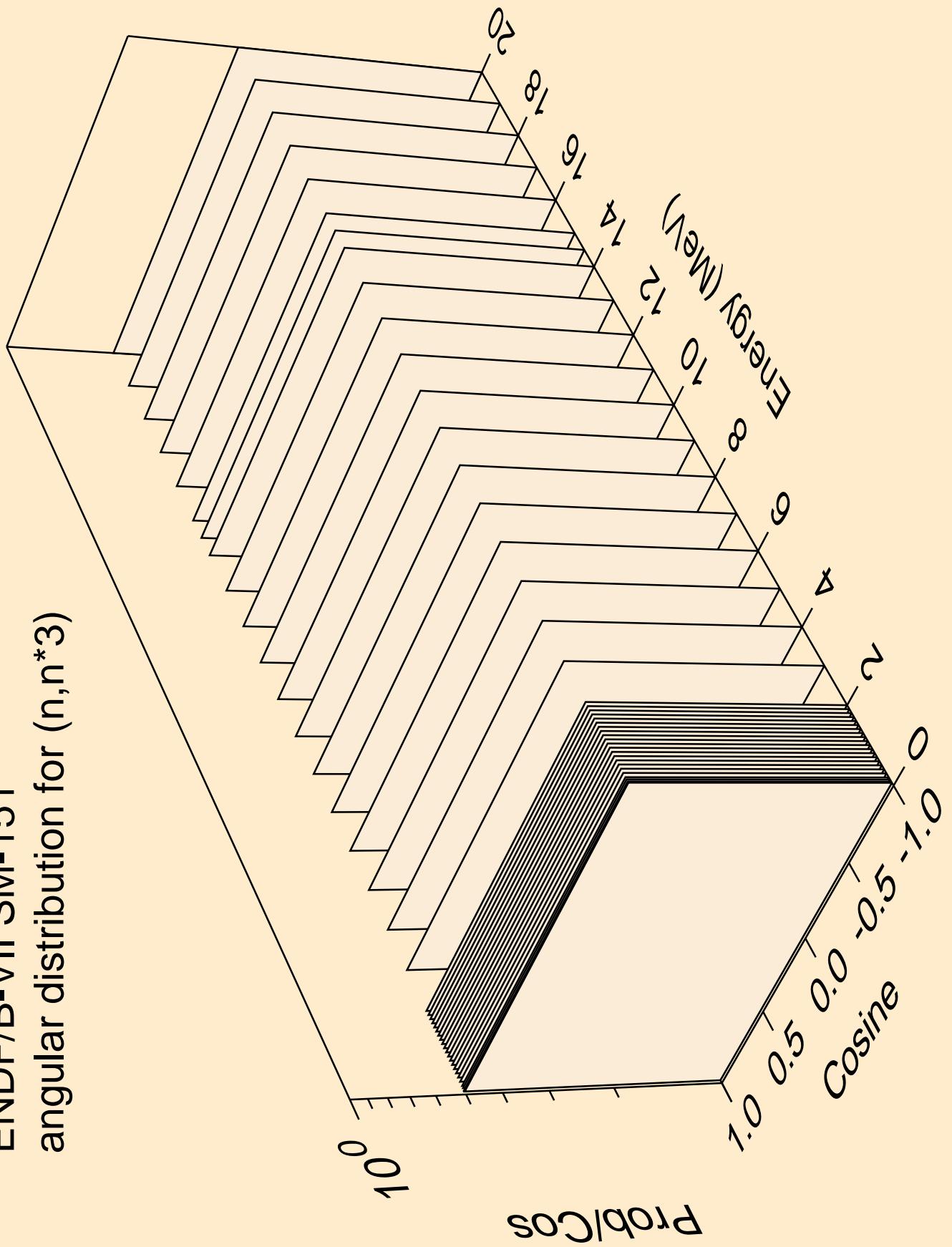
angular distribution for  $(n,n^*)$



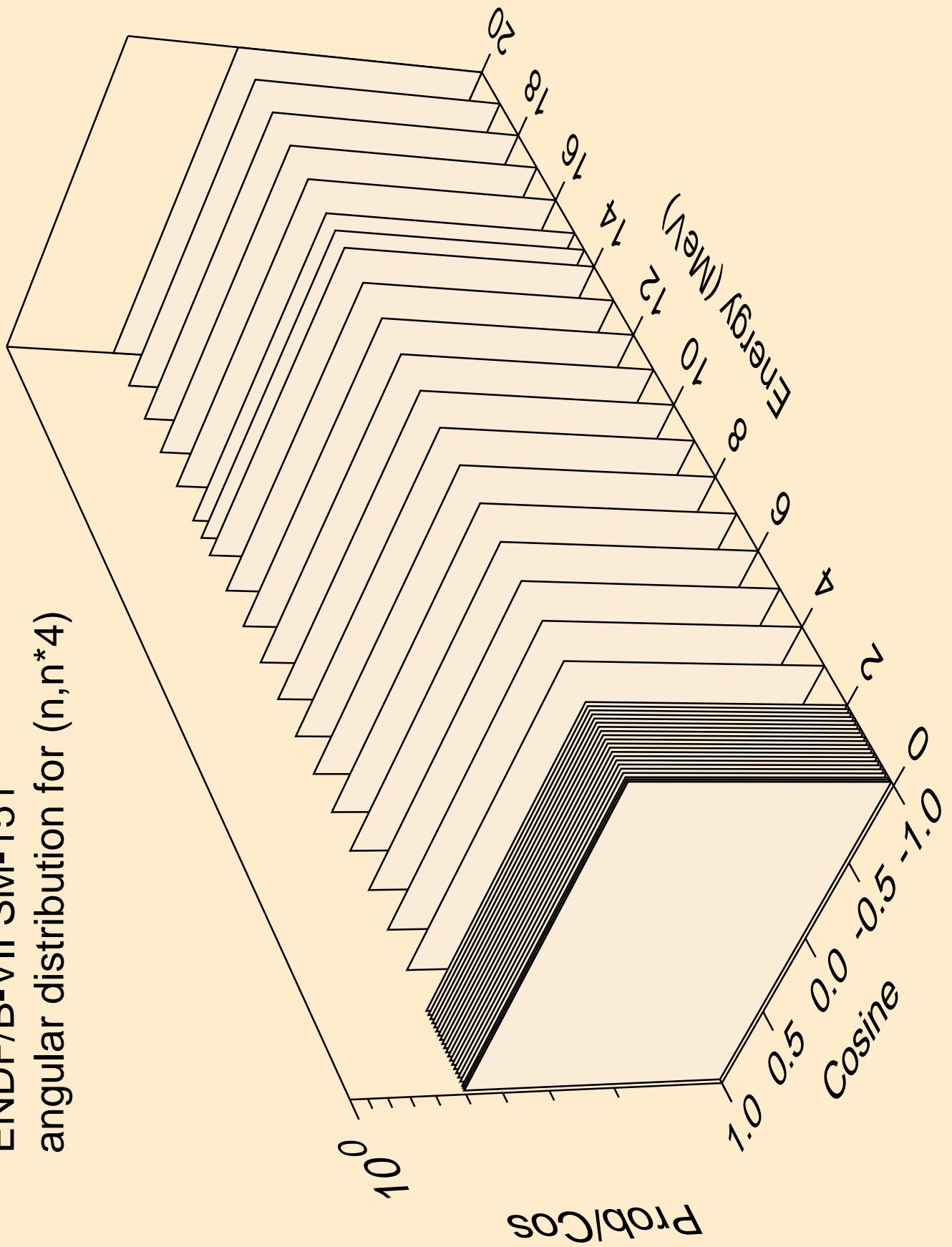
ENDF/B-VII SM-151  
angular distribution for  $(n,n^*2)$



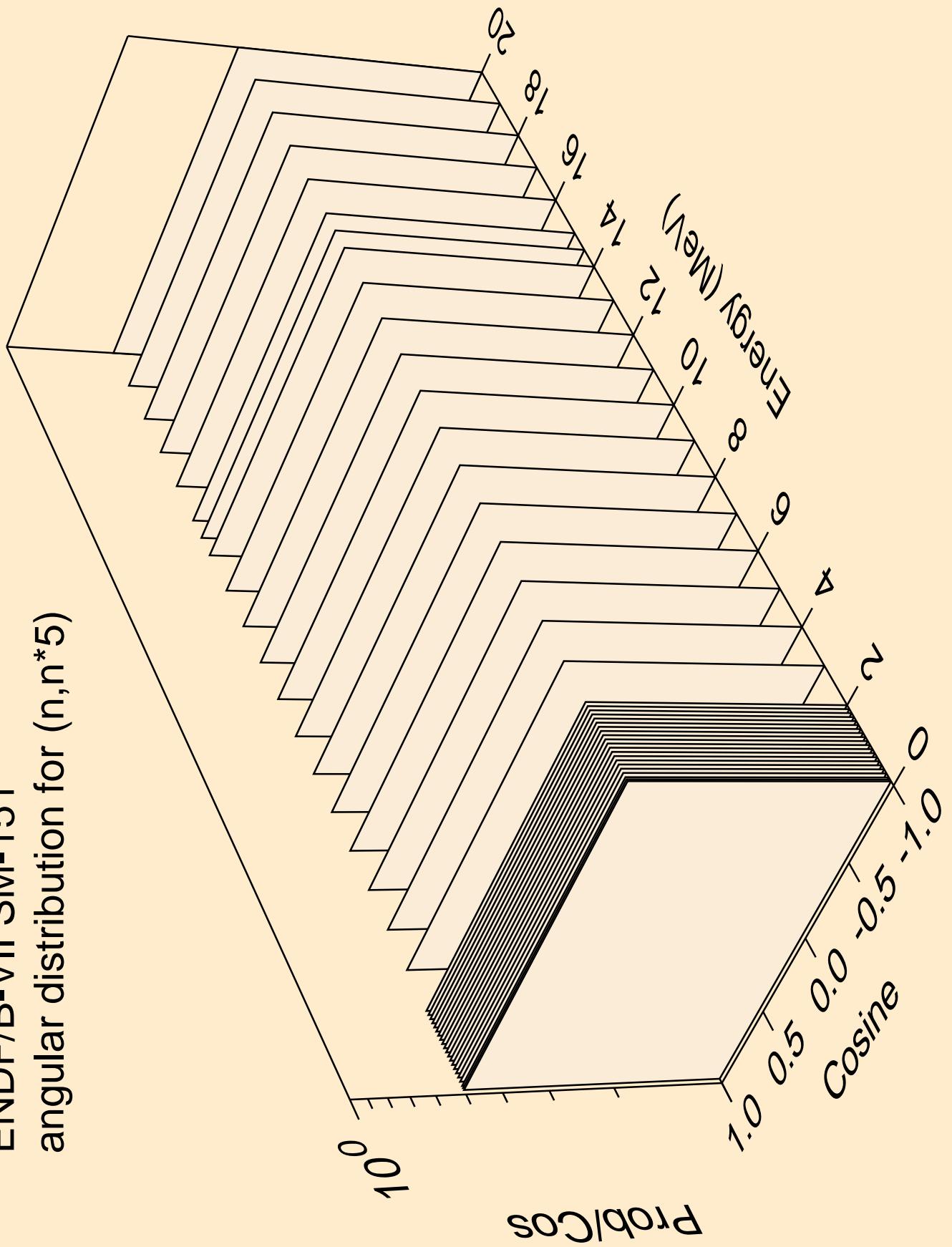
ENDF/B-VII SM-151  
angular distribution for ( $n,n^*3$ )



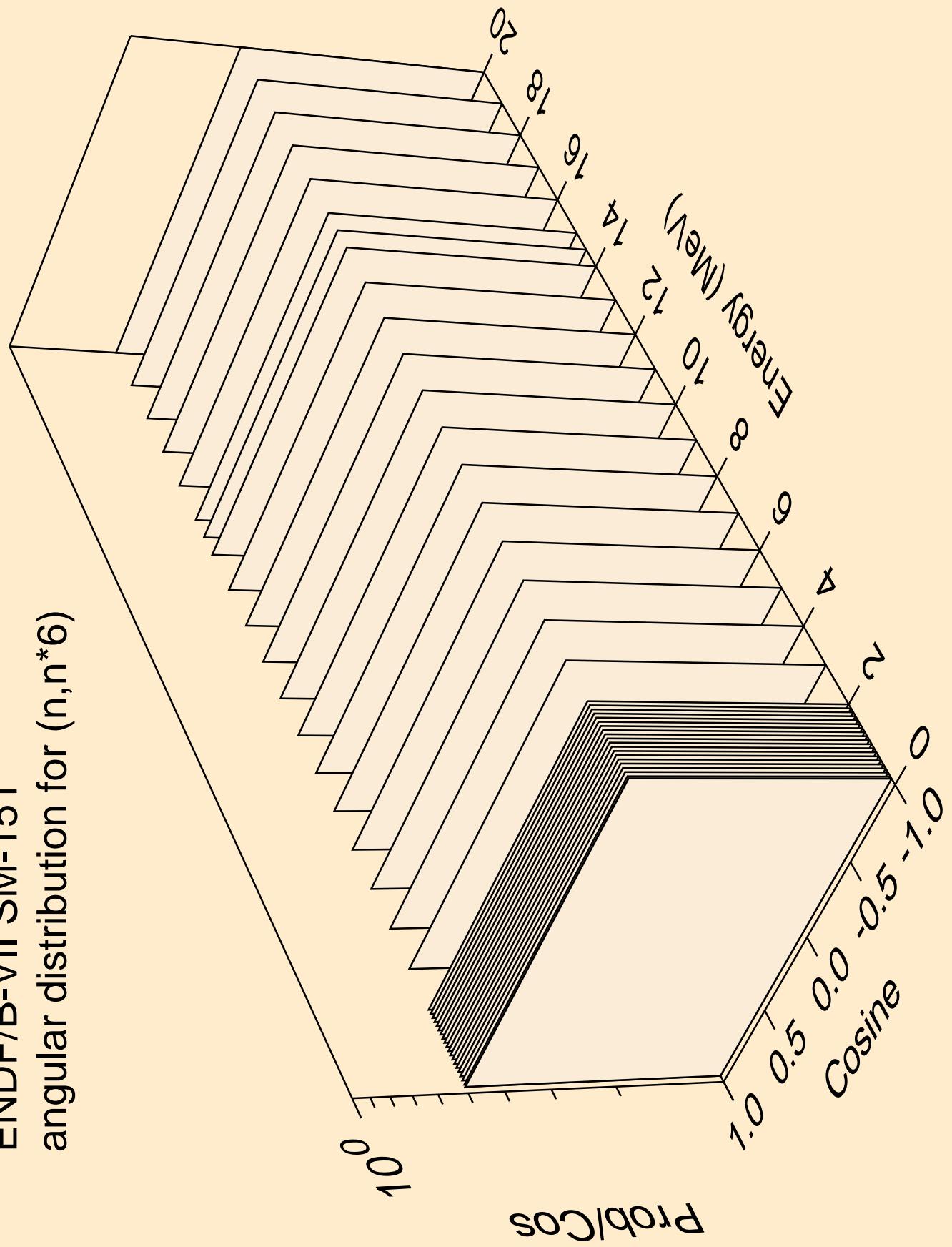
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angular distribution for ( $n,n^*4$ )



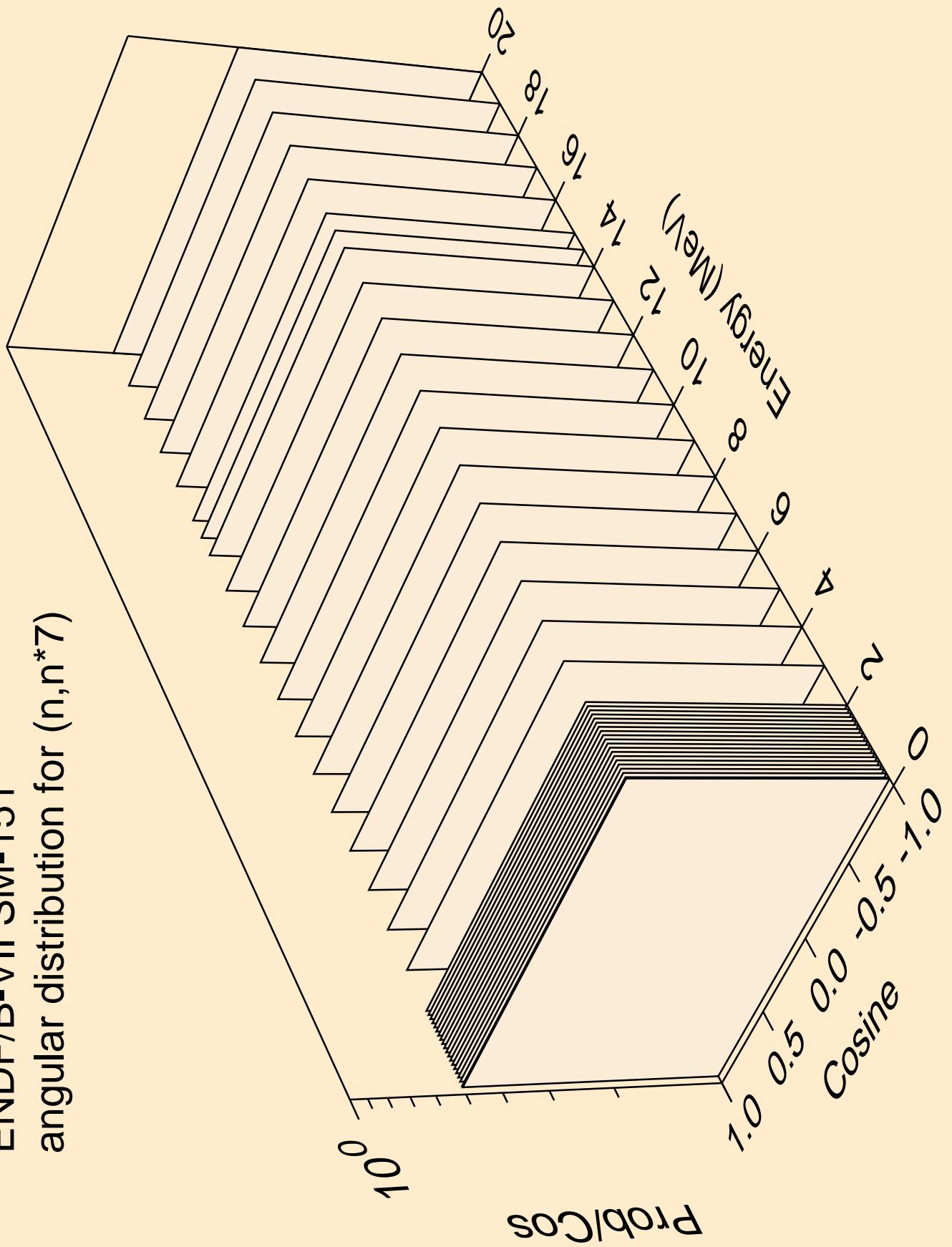
ENDF/B-VII SM-151  
angular distribution for ( $n,n^*5$ )



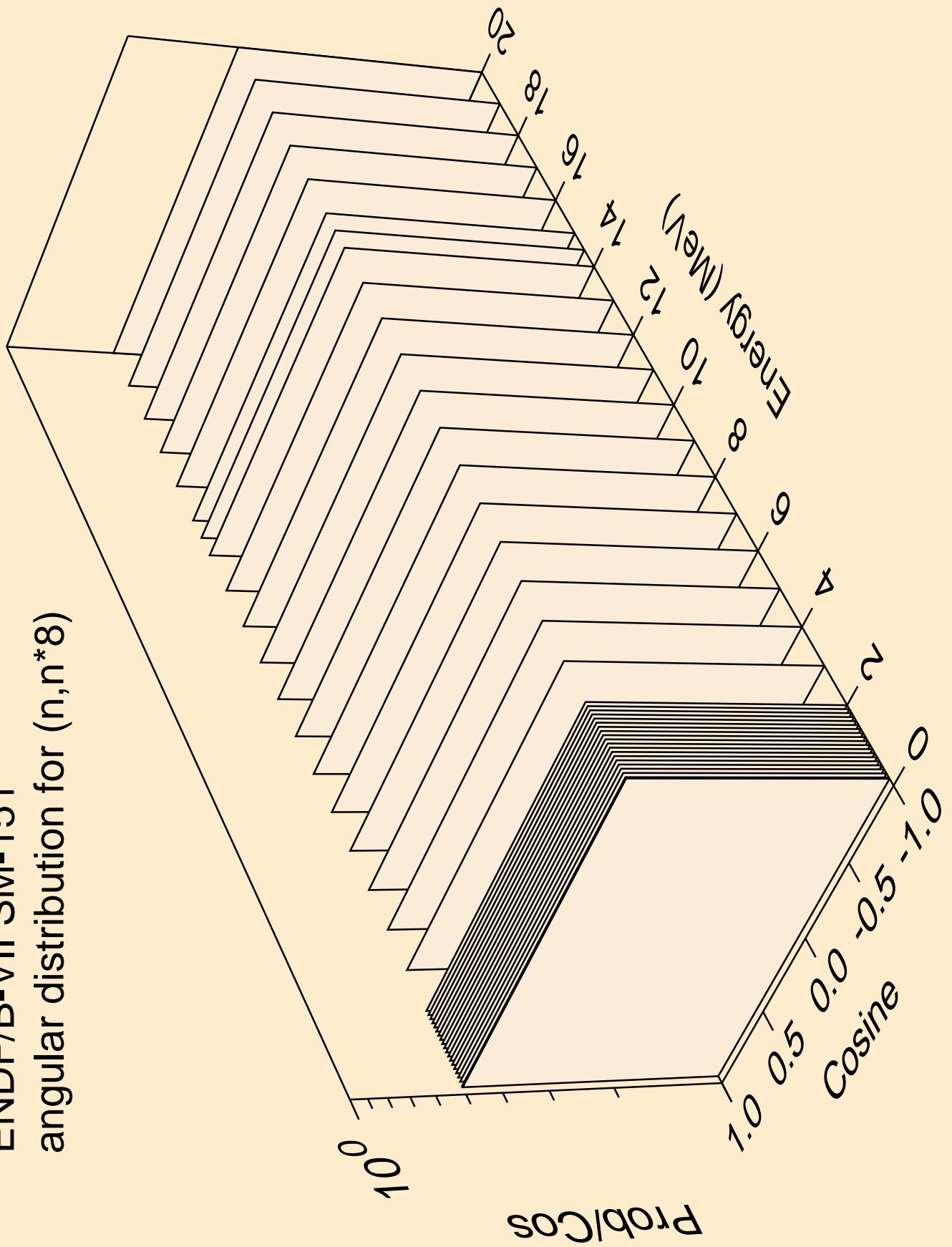
ENDF/B-VII SM-151  
angular distribution for  $(n,n^*6)$



ENDF/B-VII SM-151  
angular distribution for ( $n,n^*7$ )

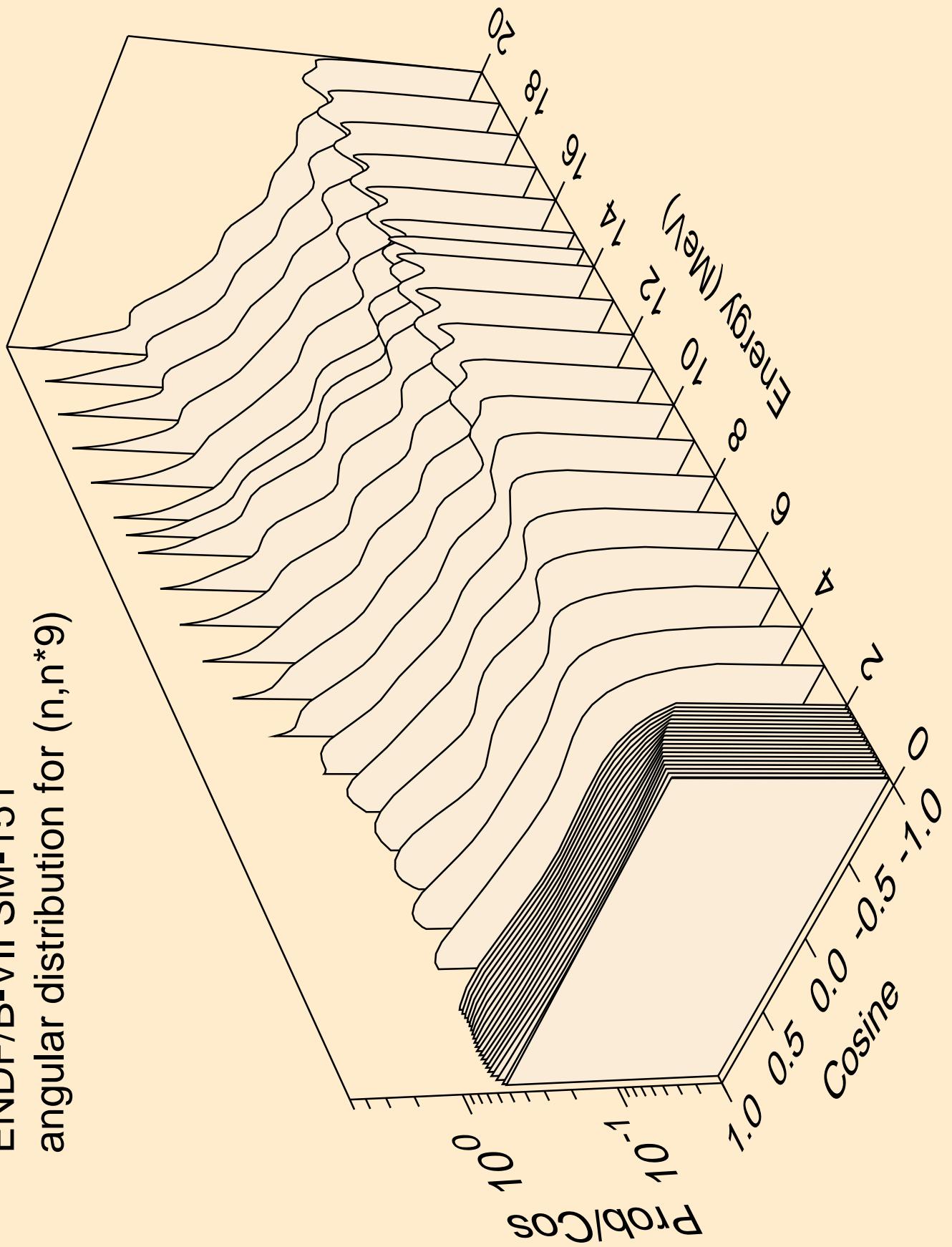


ENDF/B-VII SM-151  
angular distribution for ( $n,n^*$ )8



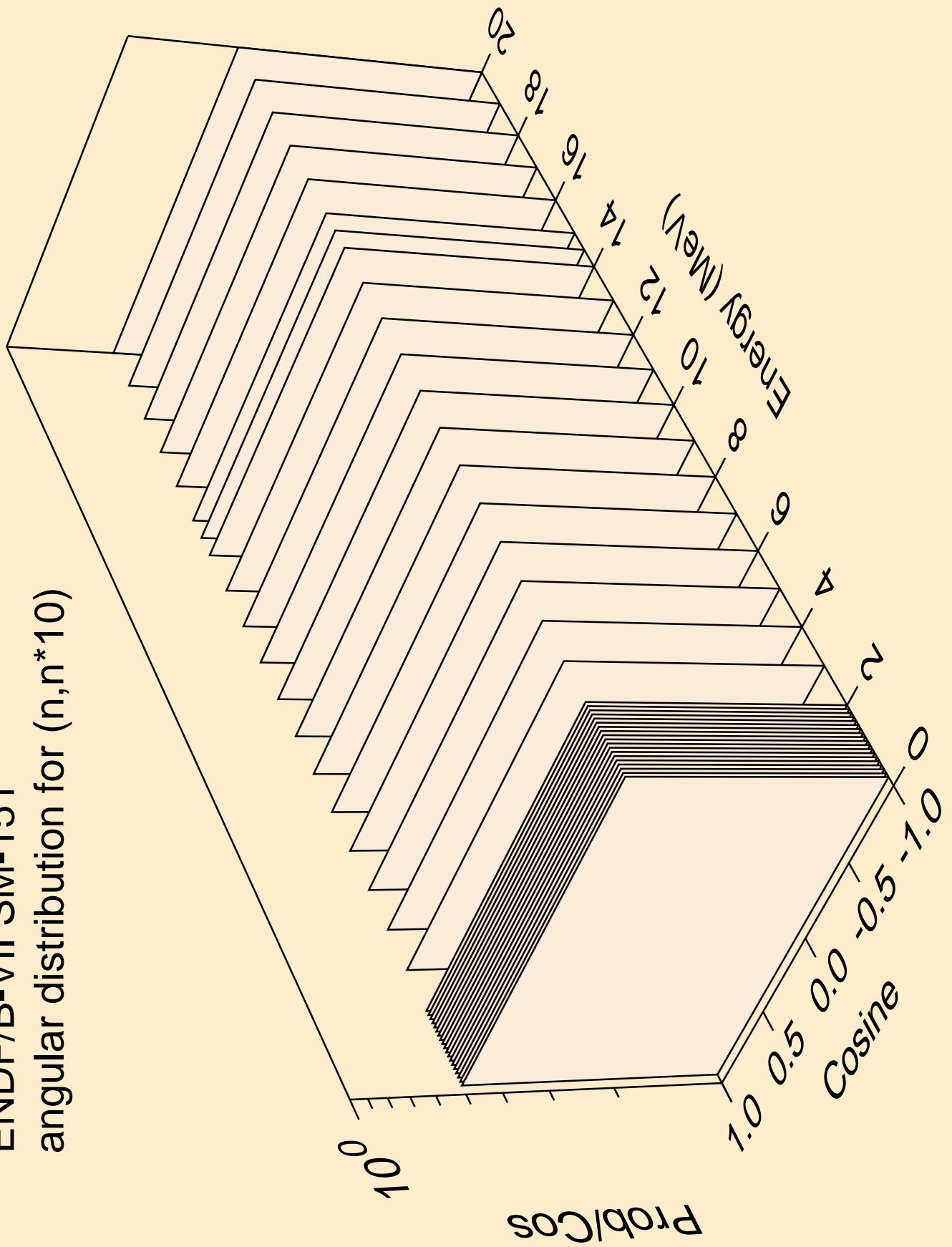
ENDF/B-VII SM-151

angular distribution for  $(n, n^* g)$



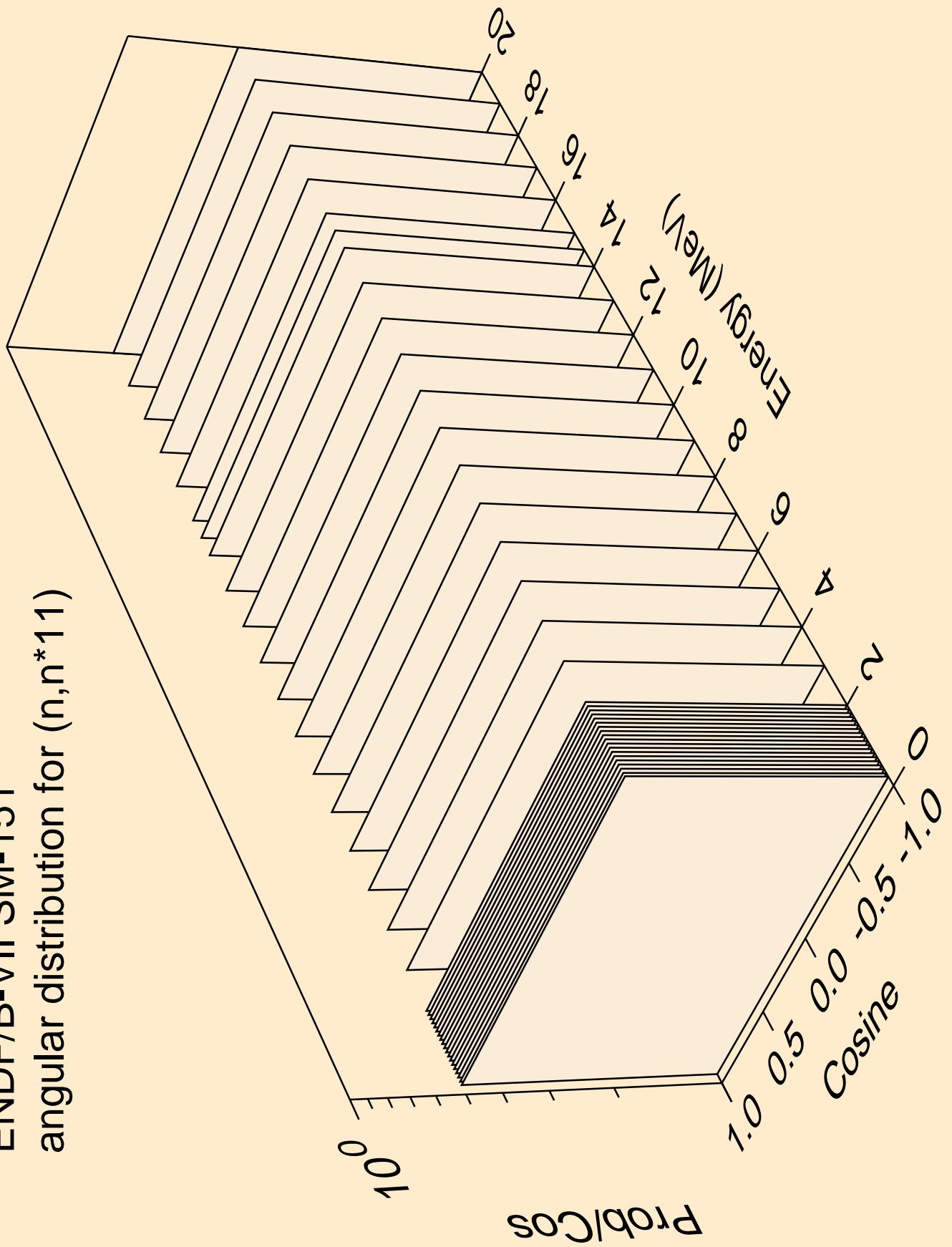
ENDF/B-VII SM-151

angular distribution for  $(n,n^*10)$



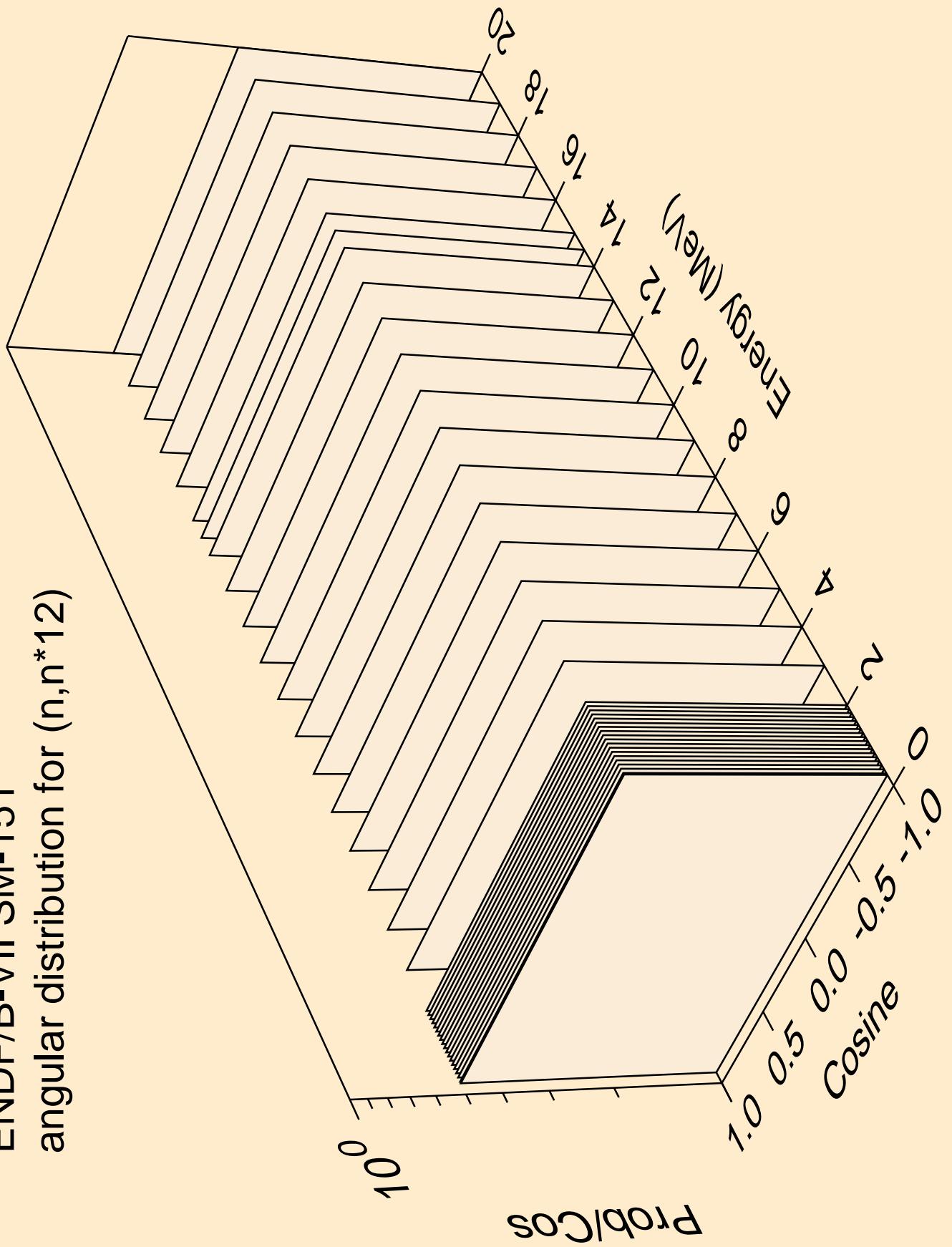
ENDF/B-VII SM-151

angular distribution for  $(n,n^*11)$



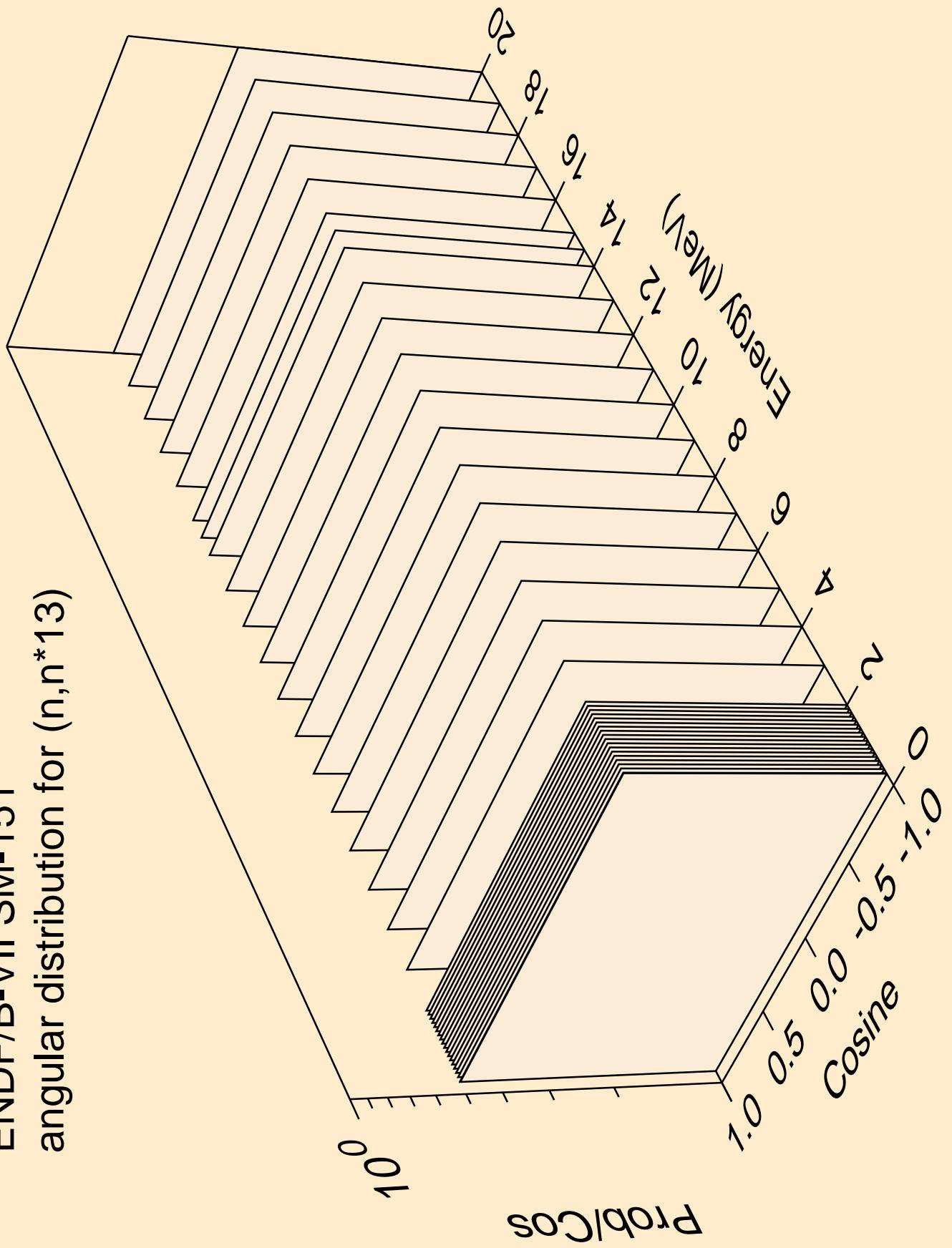
ENDF/B-VII SM-151

angular distribution for  $(n,n^*12)$



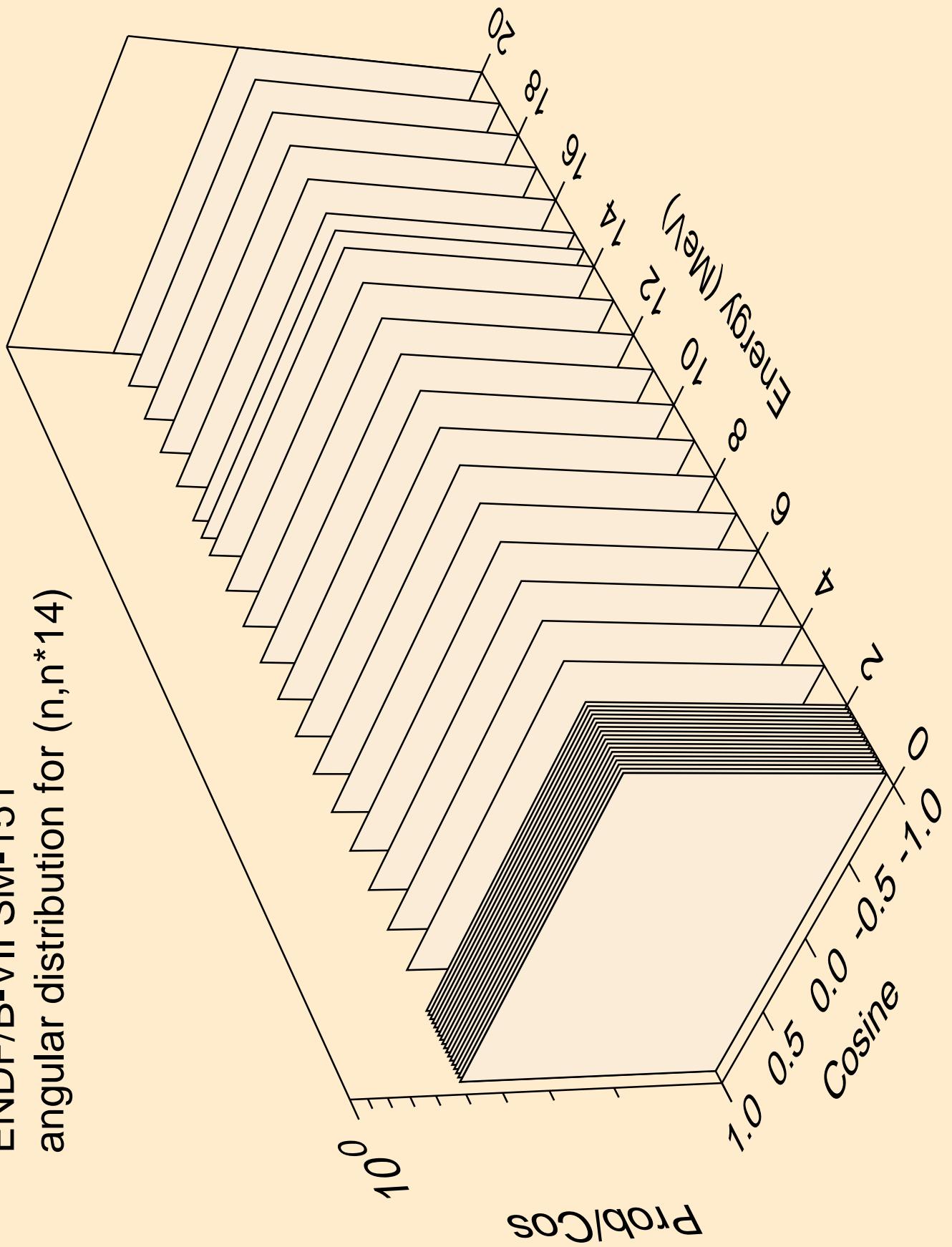
ENDF/B-VII SM-151

angular distribution for (n,n\*13)



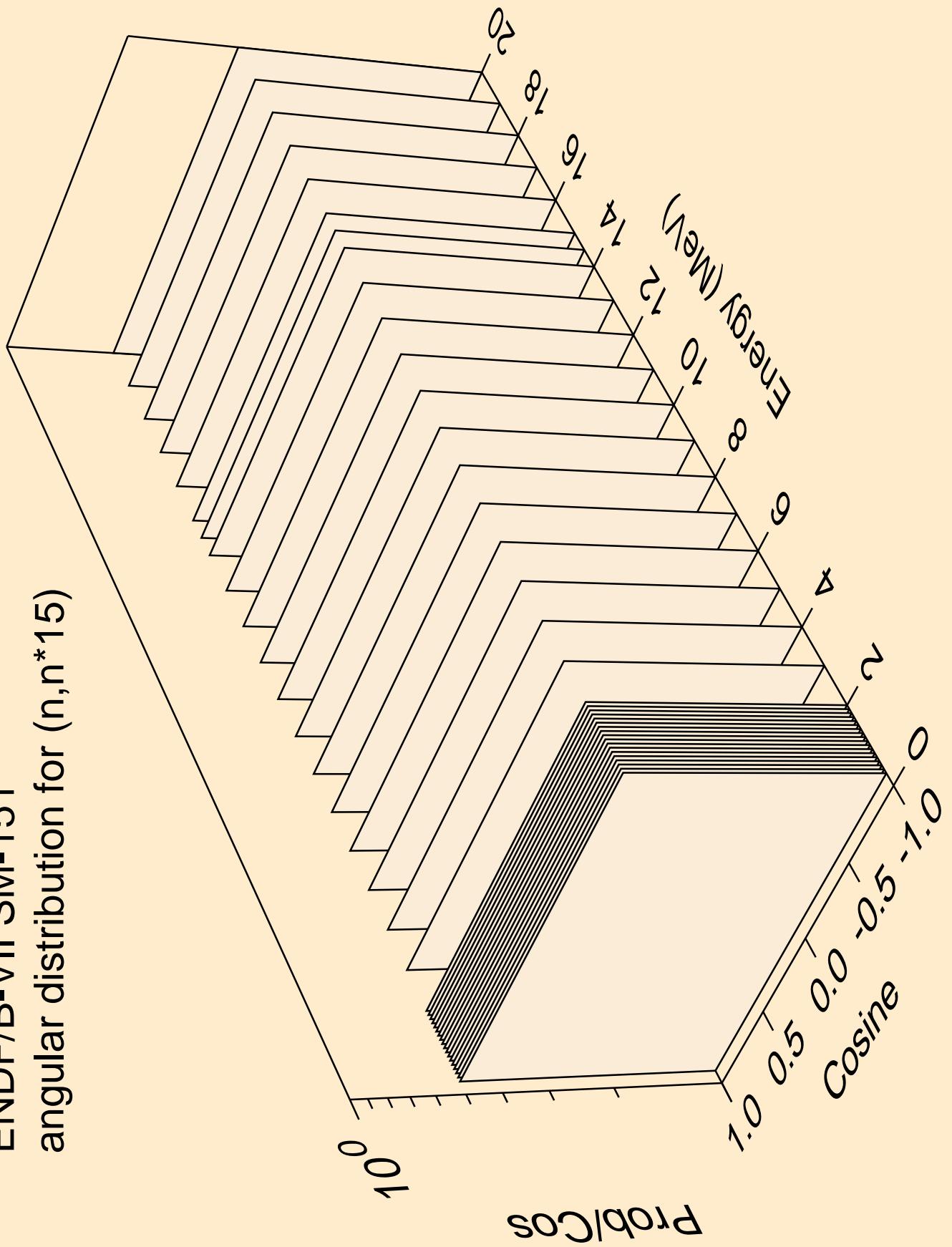
ENDF/B-VII SM-151

angular distribution for  $(n,n^*14)$



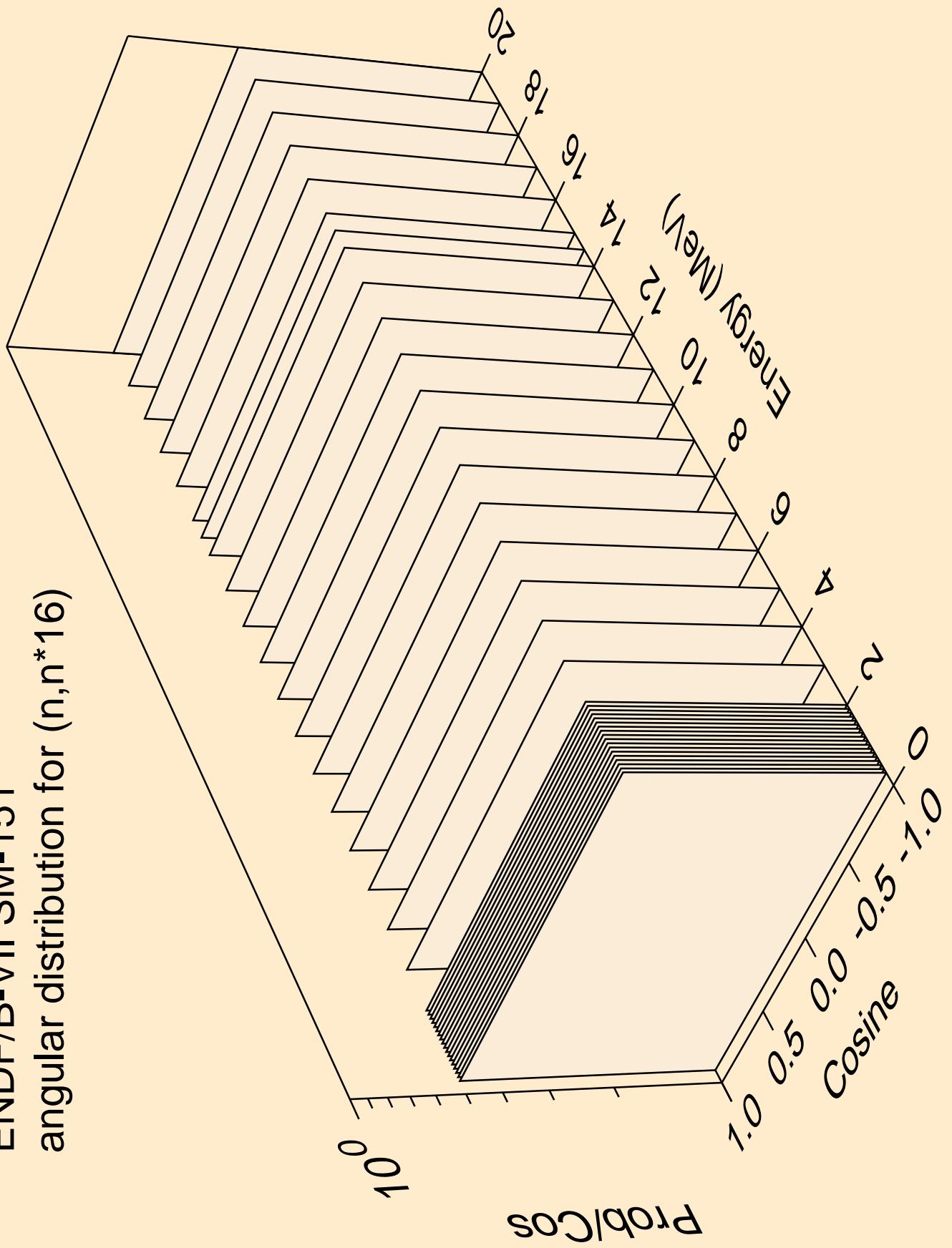
# ENDF/B-VII SM-151

## angular distribution for $(n,n^*15)$



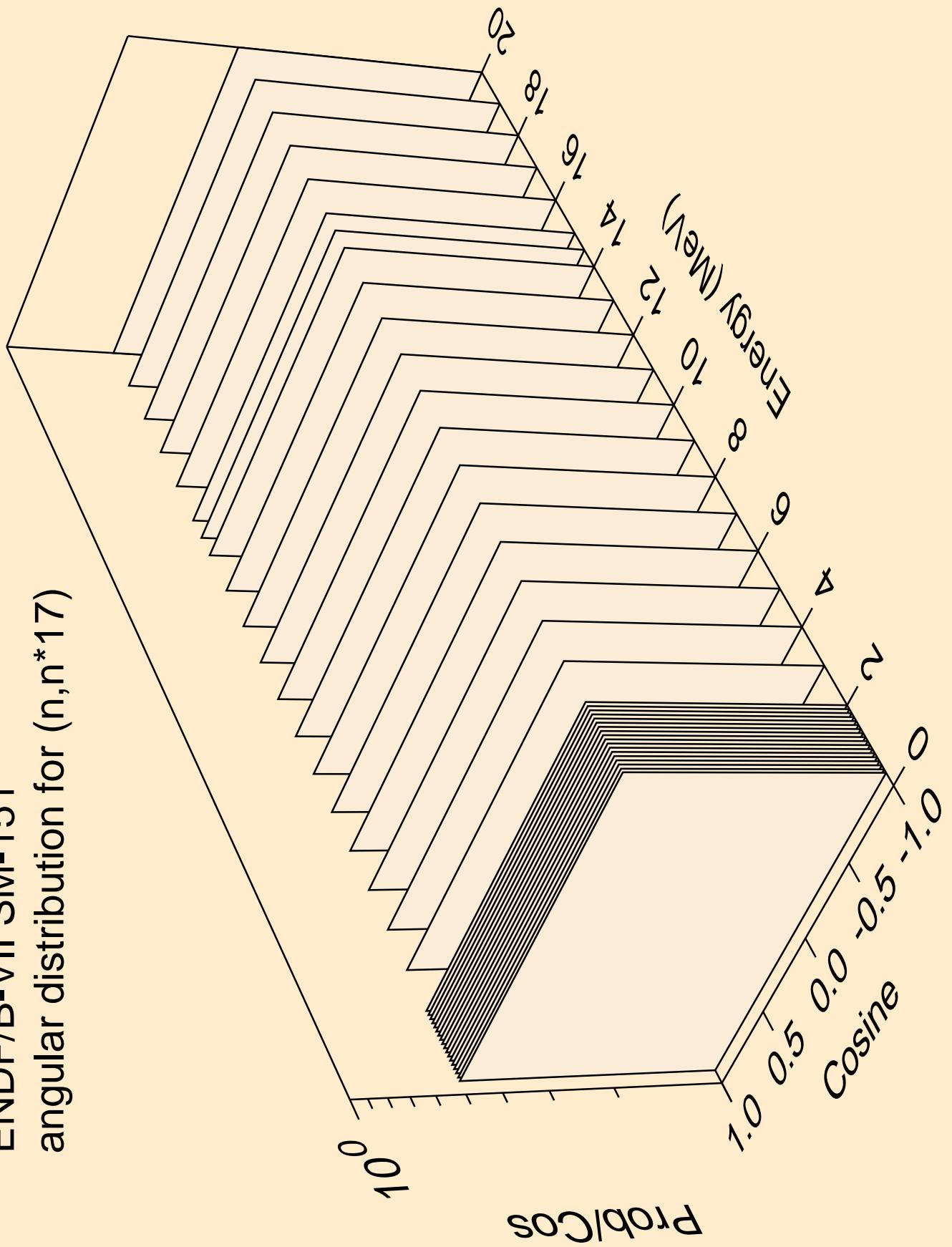
ENDF/B-VII SM-151

angular distribution for  $(n,n^*16)$



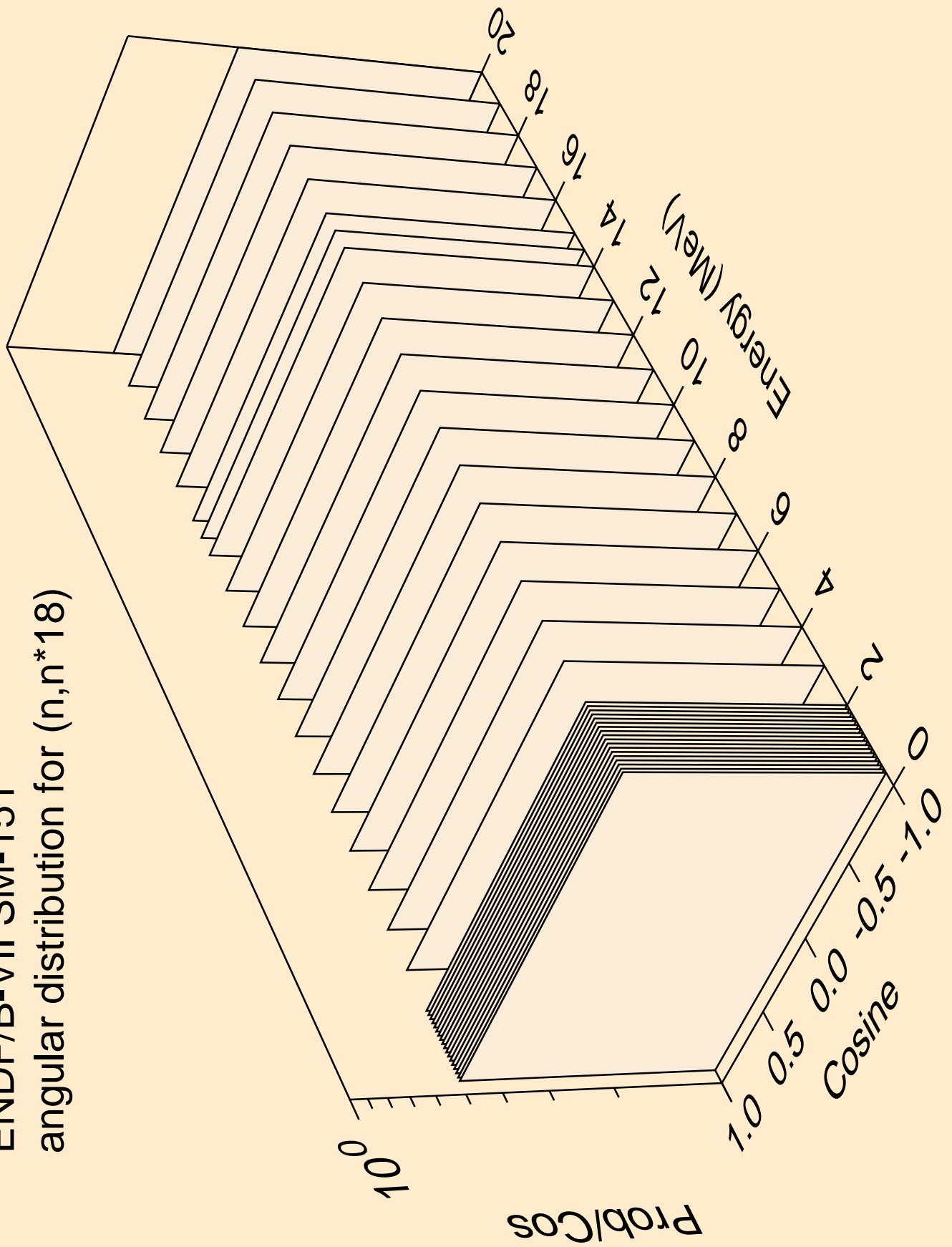
ENDF/B-VII SM-151

angular distribution for  $(n,n^*17)$



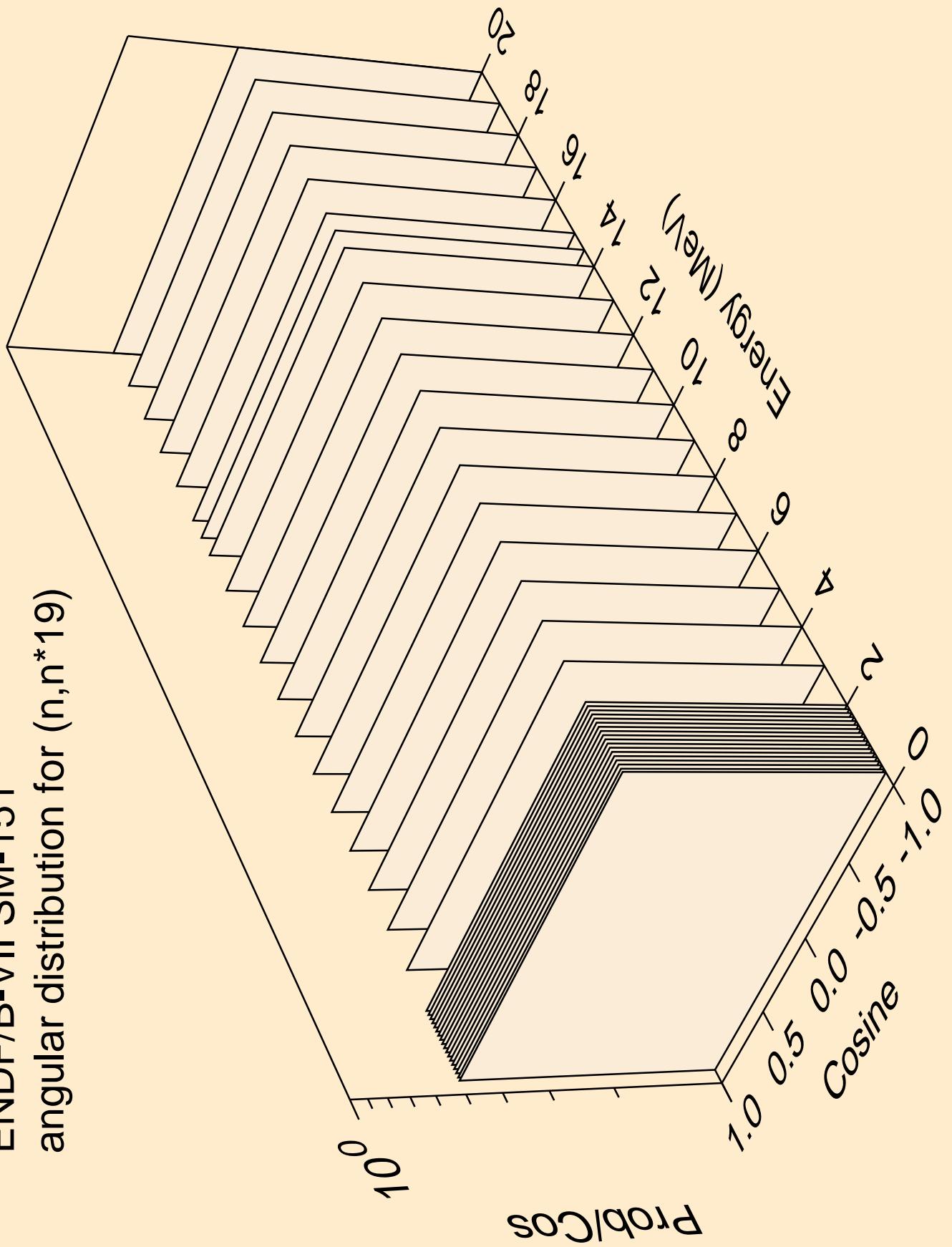
ENDF/B-VII SM-151

angular distribution for  $(n,n^*18)$



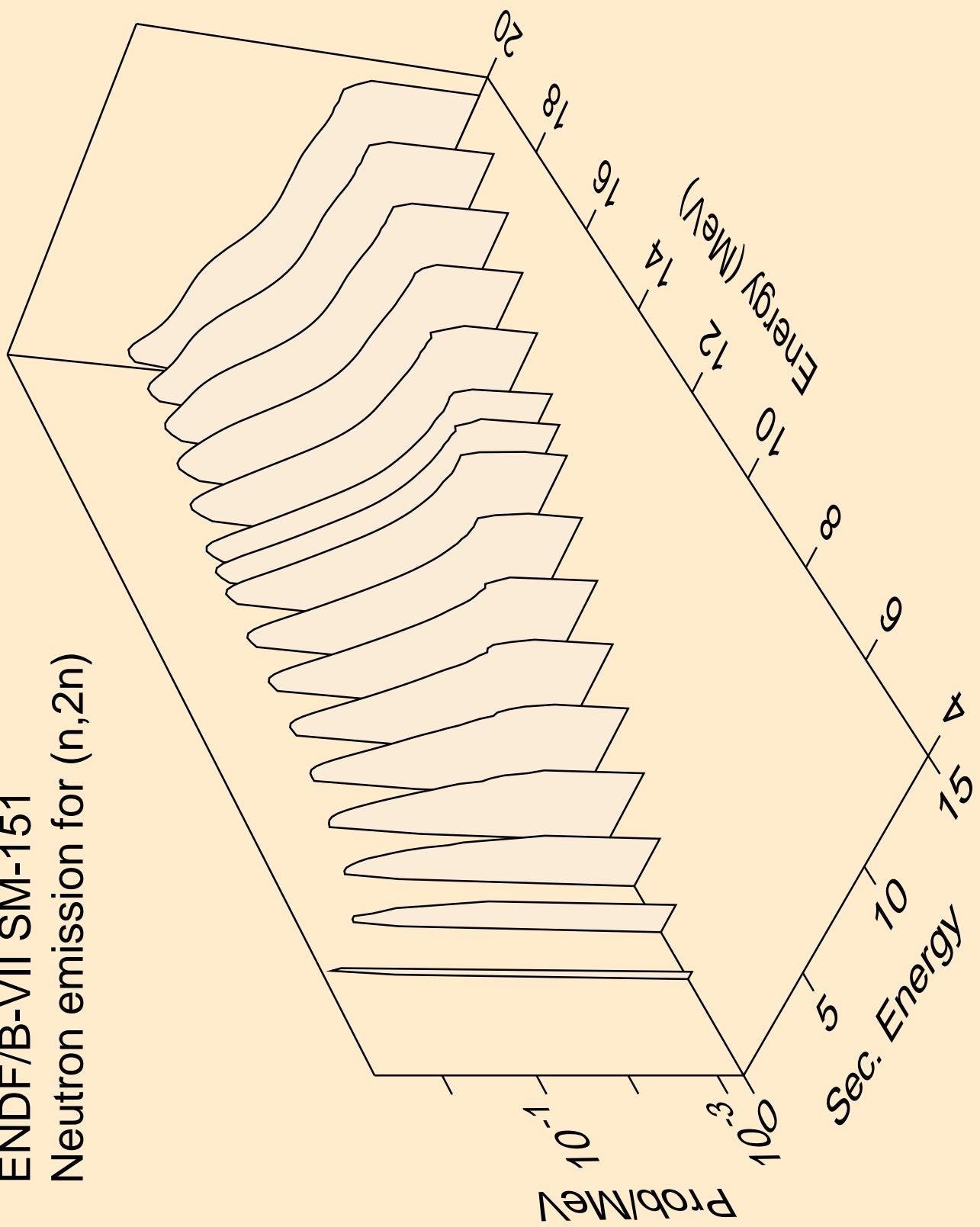
ENDF/B-VII SM-151

angular distribution for  $(n,n^*19)$



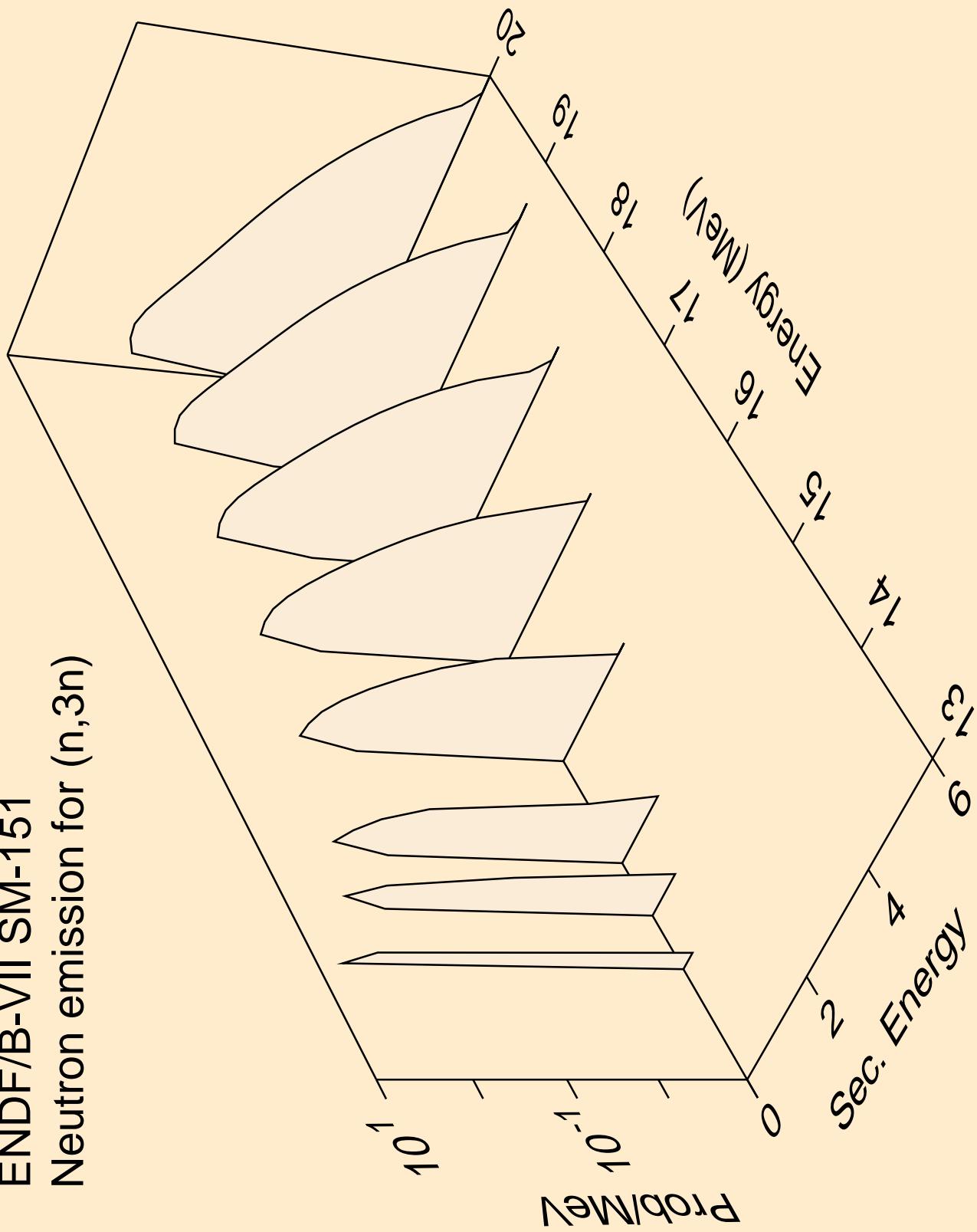
ENDF/B-VII SM-151

Neutron emission for  $(n,2n)$



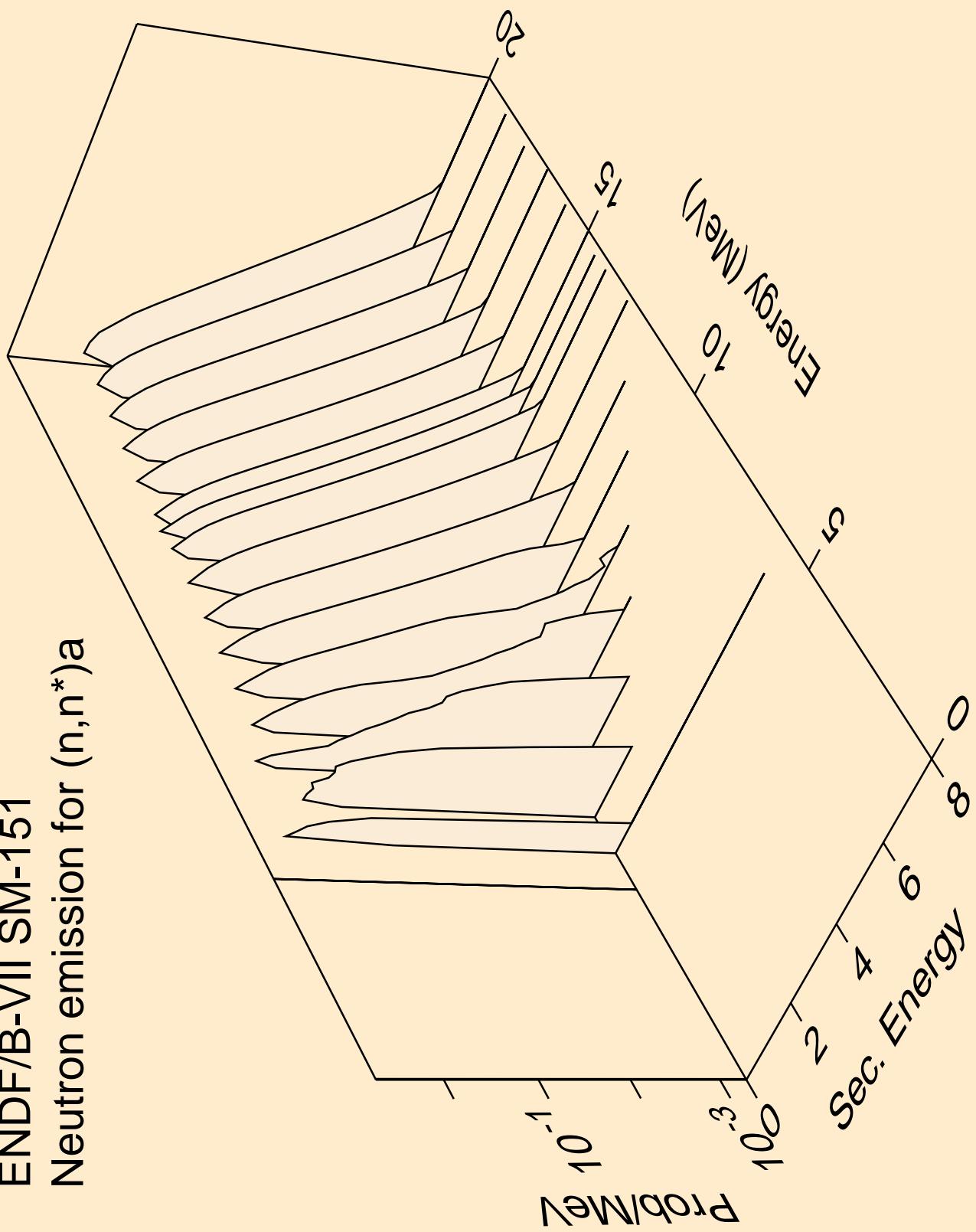
ENDF/B-VII SM-151

## Neutron emission for $(n,3n)$



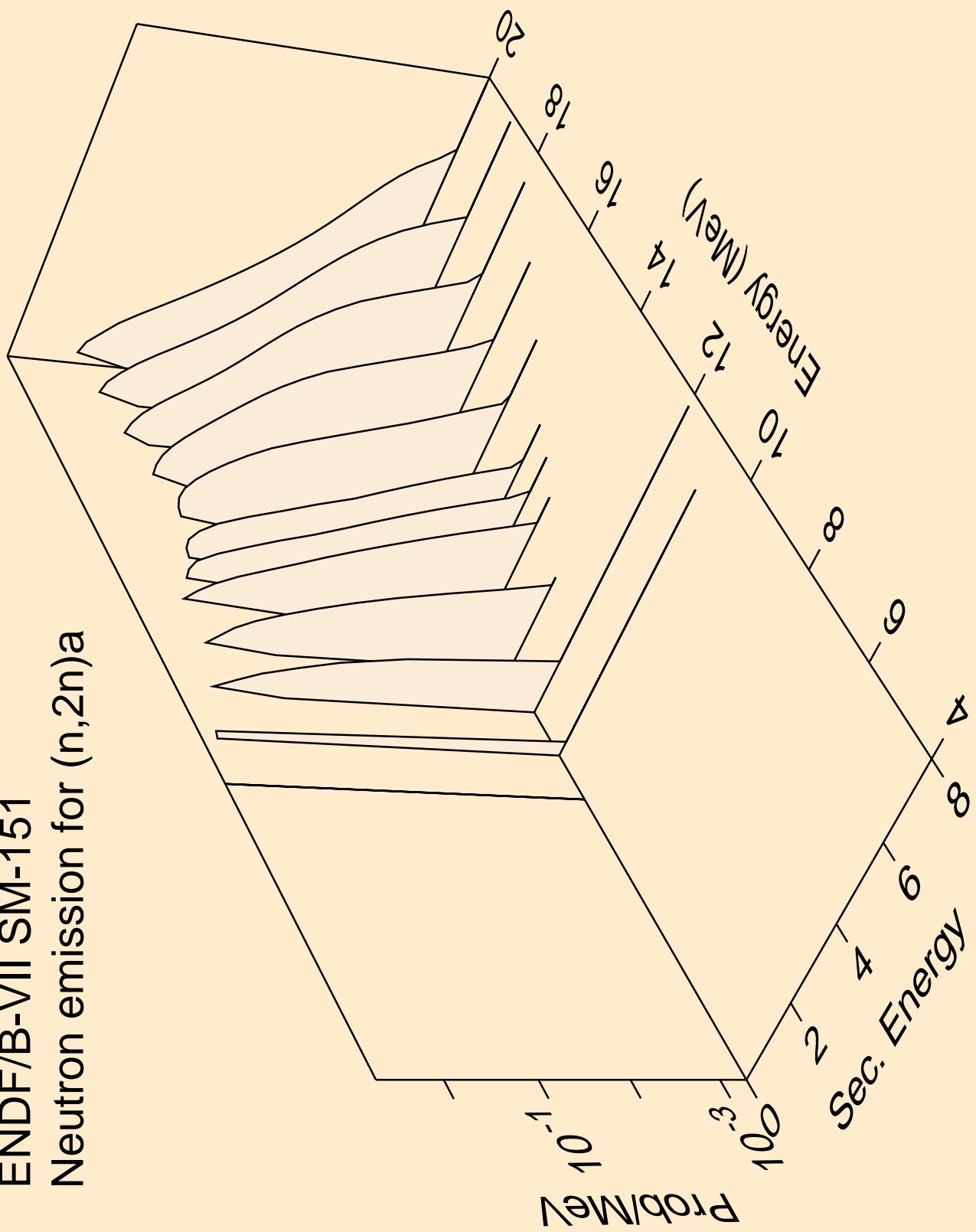
ENDF/B-VII SM-151

Neutron emission for  $(n, n^*)a$



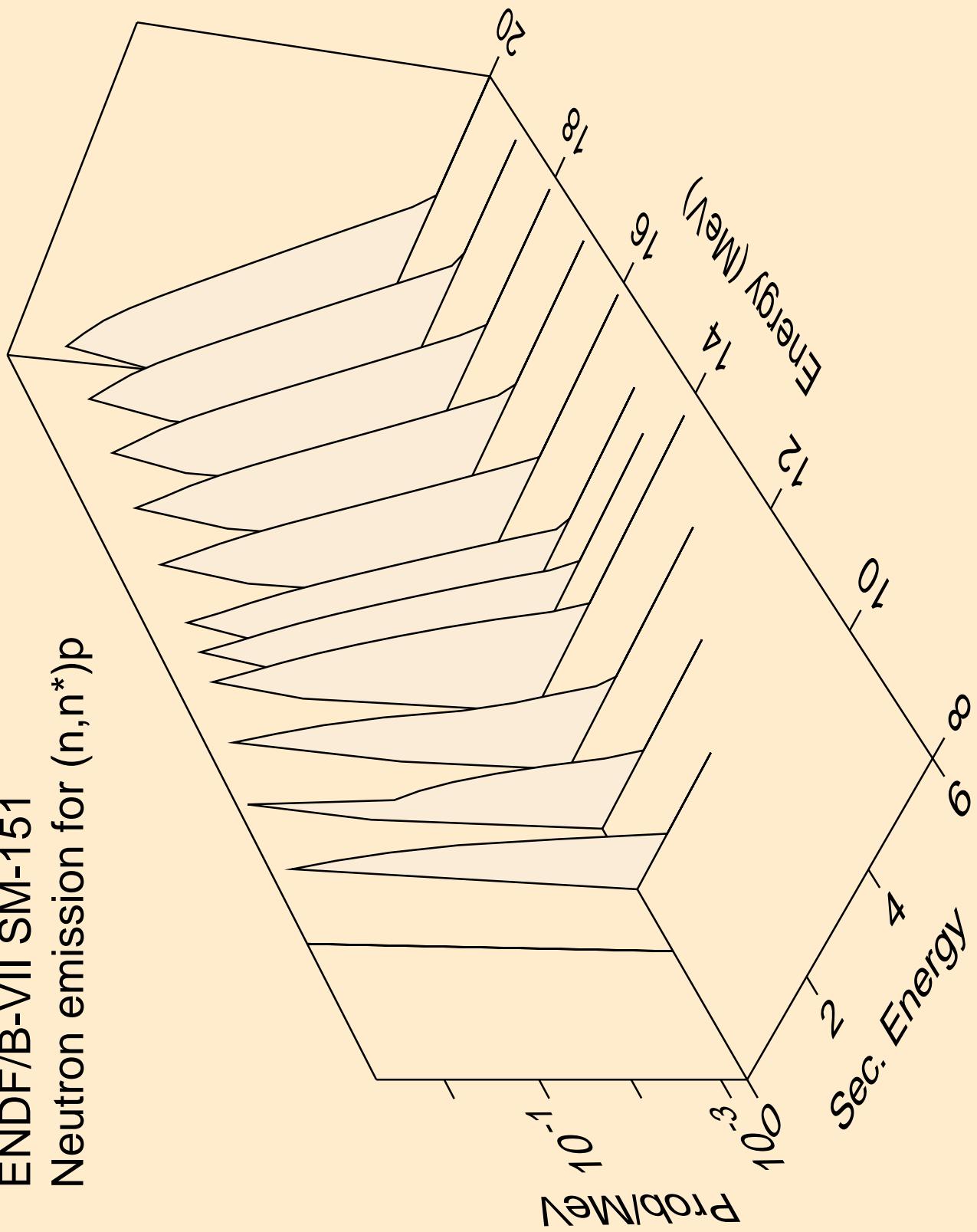
ENDF/B-VII SM-151

Neutron emission for  $(n,2n)a$



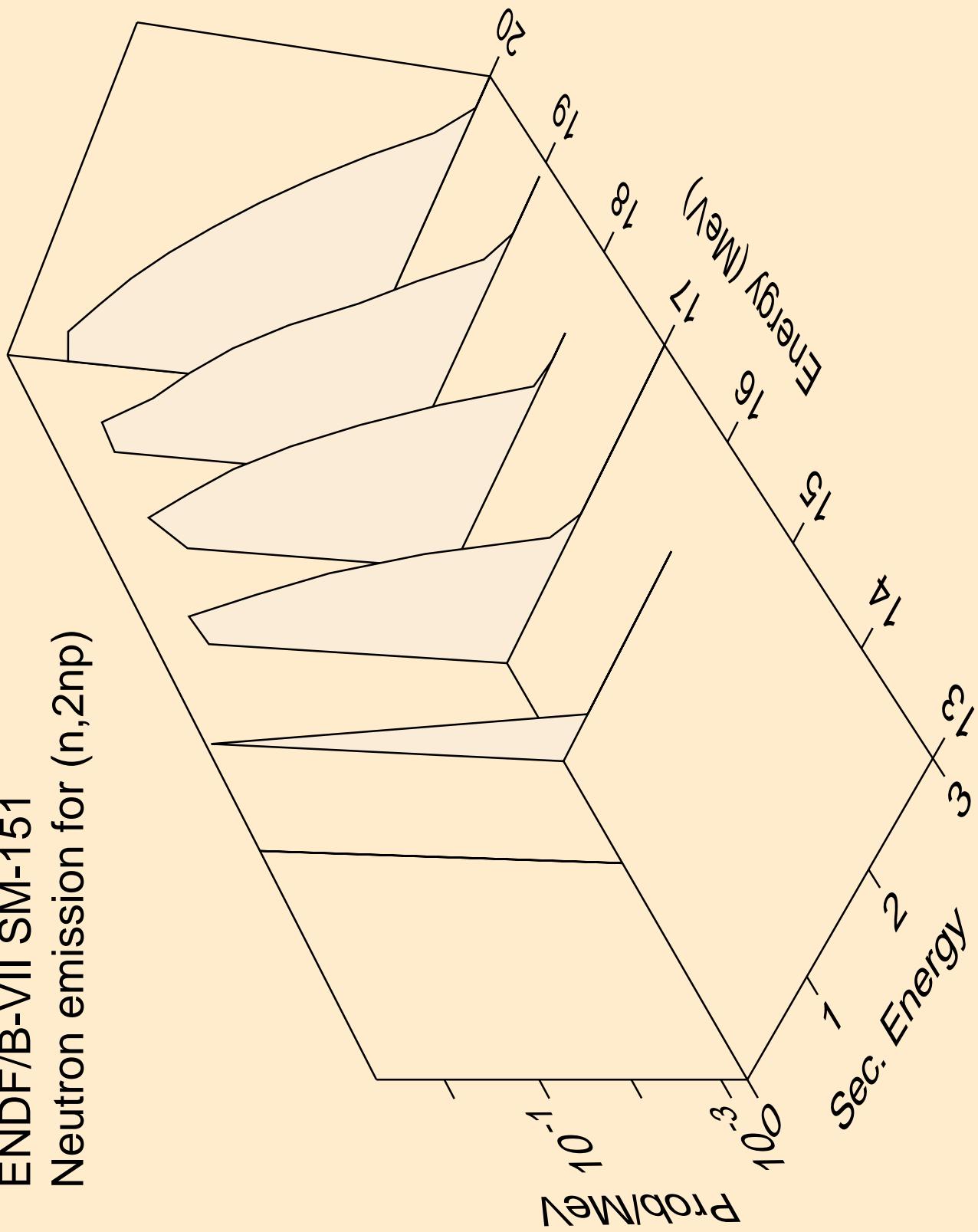
ENDF/B-VII SM-151

Neutron emission for  $(n, n^*)p$



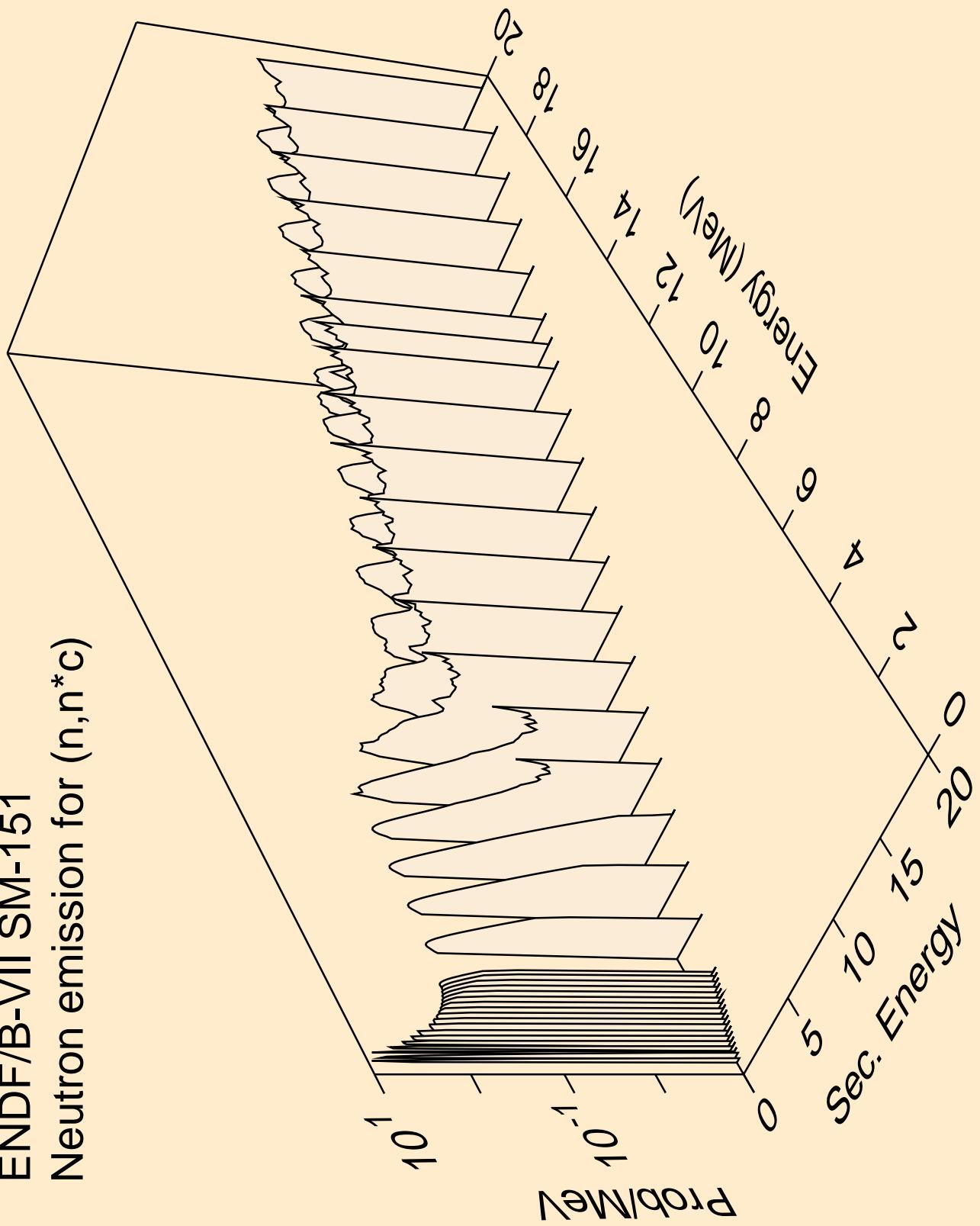
ENDF/B-VII SM-151

Neutron emission for  $(n,2np)$

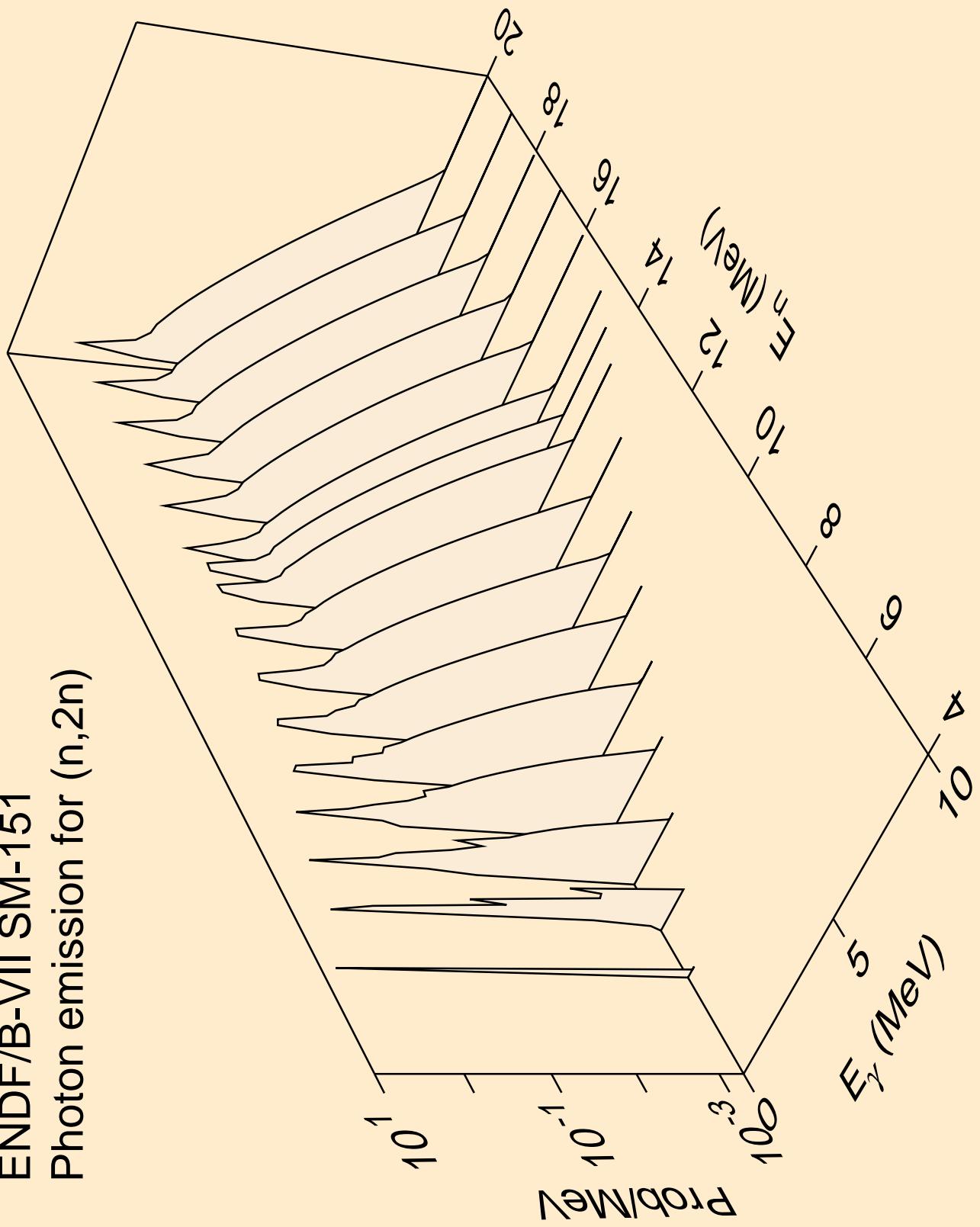


ENDF/B-VII SM-151

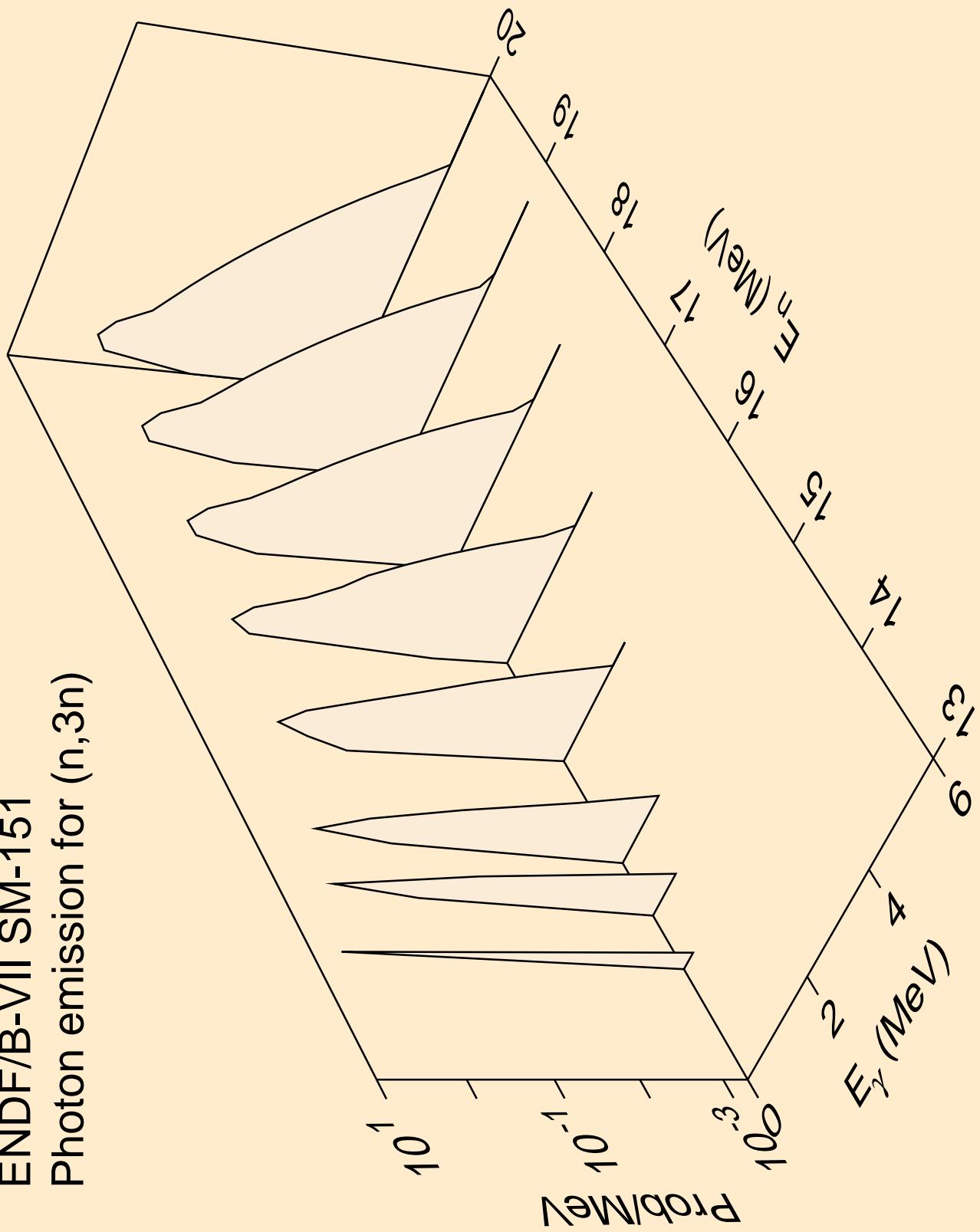
Neutron emission for  $(n, n^* c)$



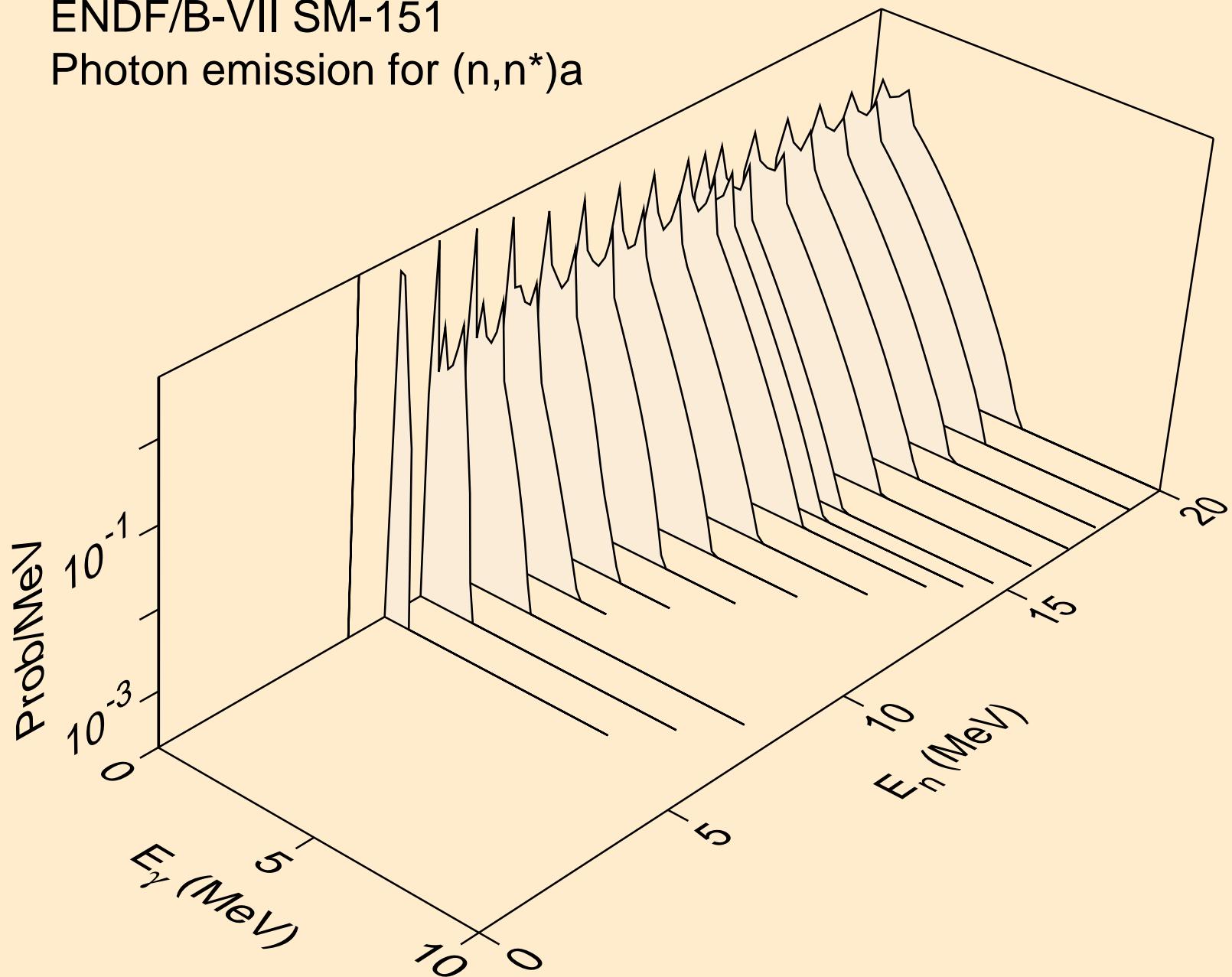
ENDF/B-VII SM-151  
Photon emission for  $(n,2n)$



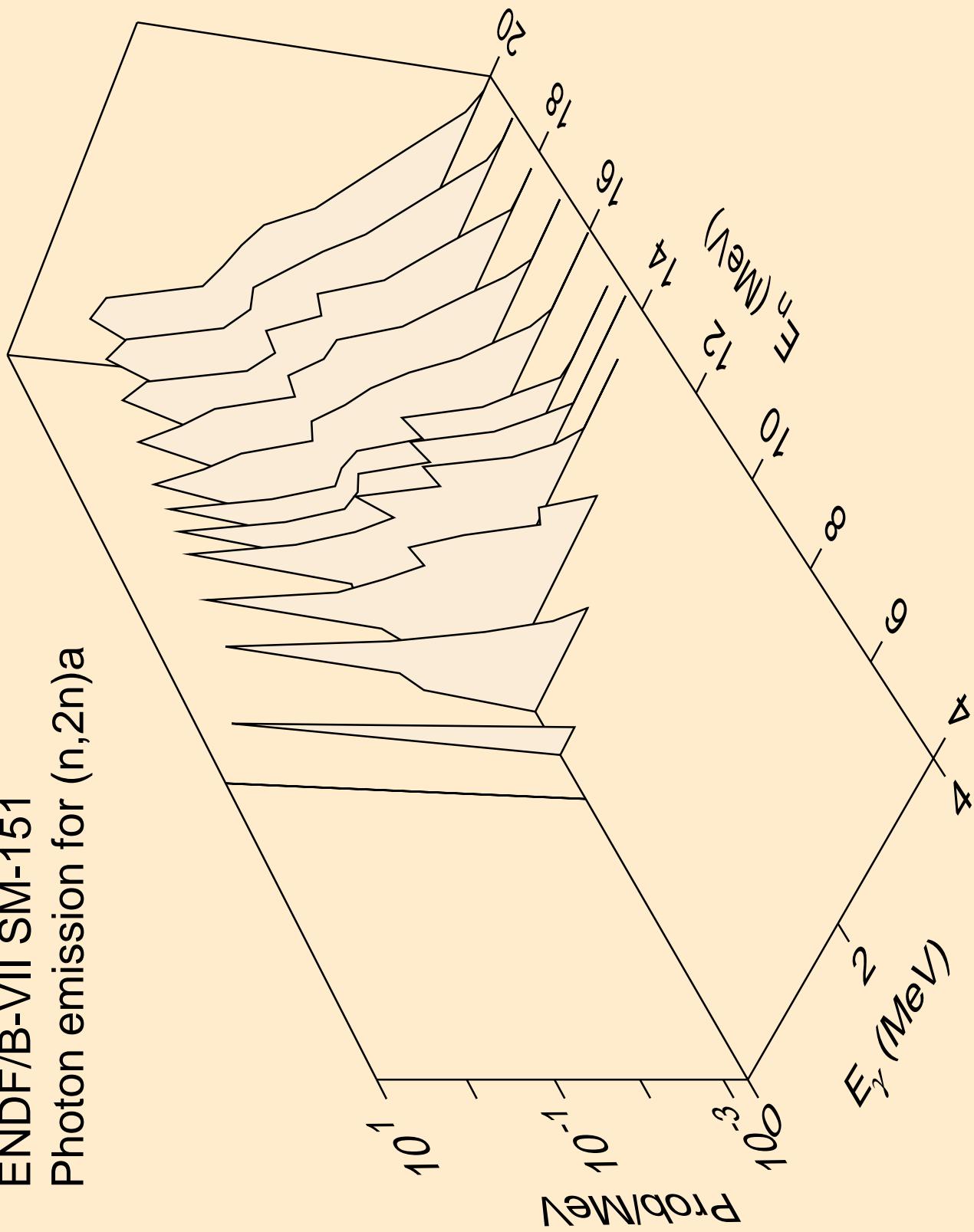
ENDF/B-VII SM-151  
Photon emission for  $(n,3n)$



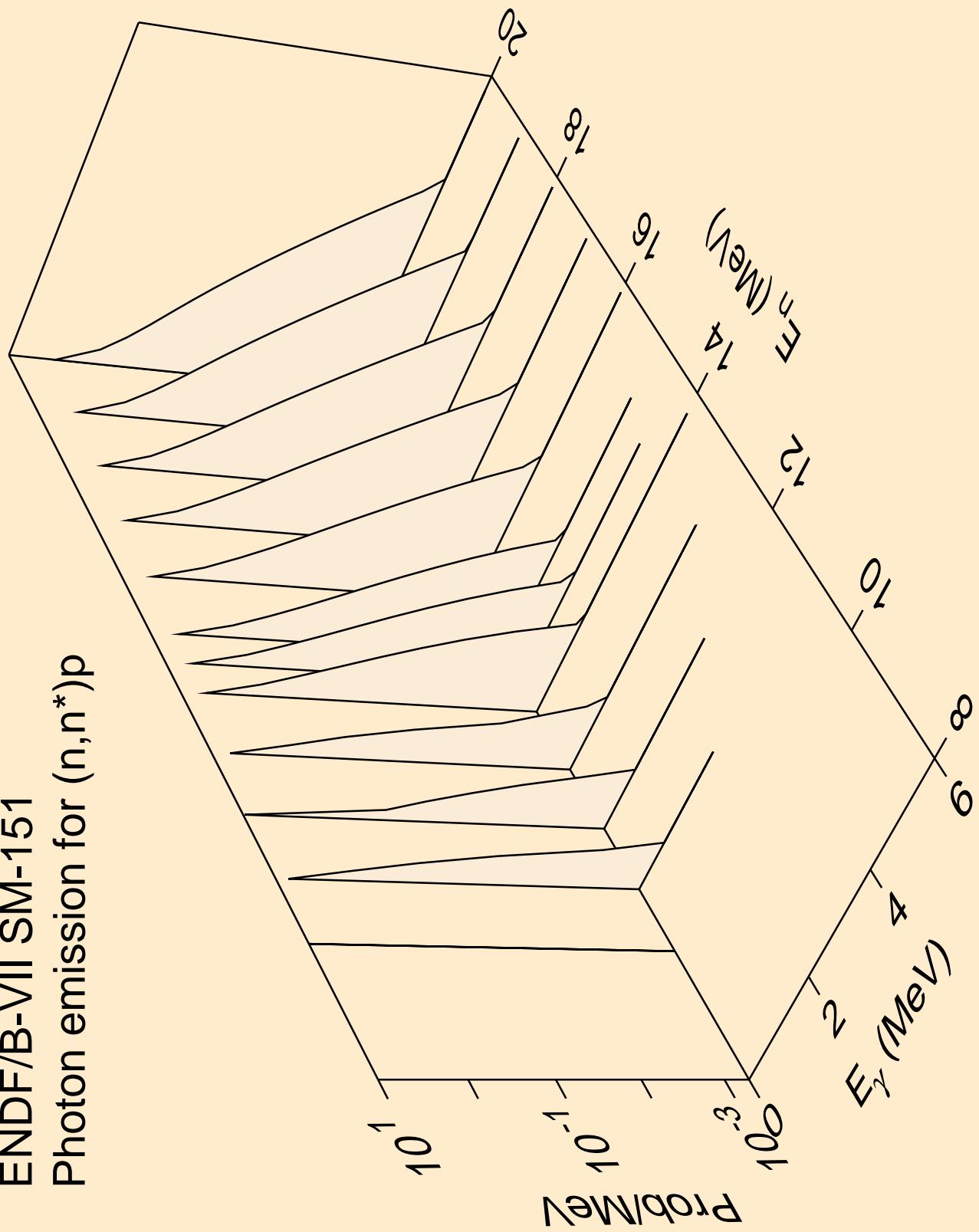
ENDF/B-VII SM-151  
Photon emission for  $(n,n^*)a$



ENDF/B-VII SM-151  
Photon emission for  $(n,2n)a$

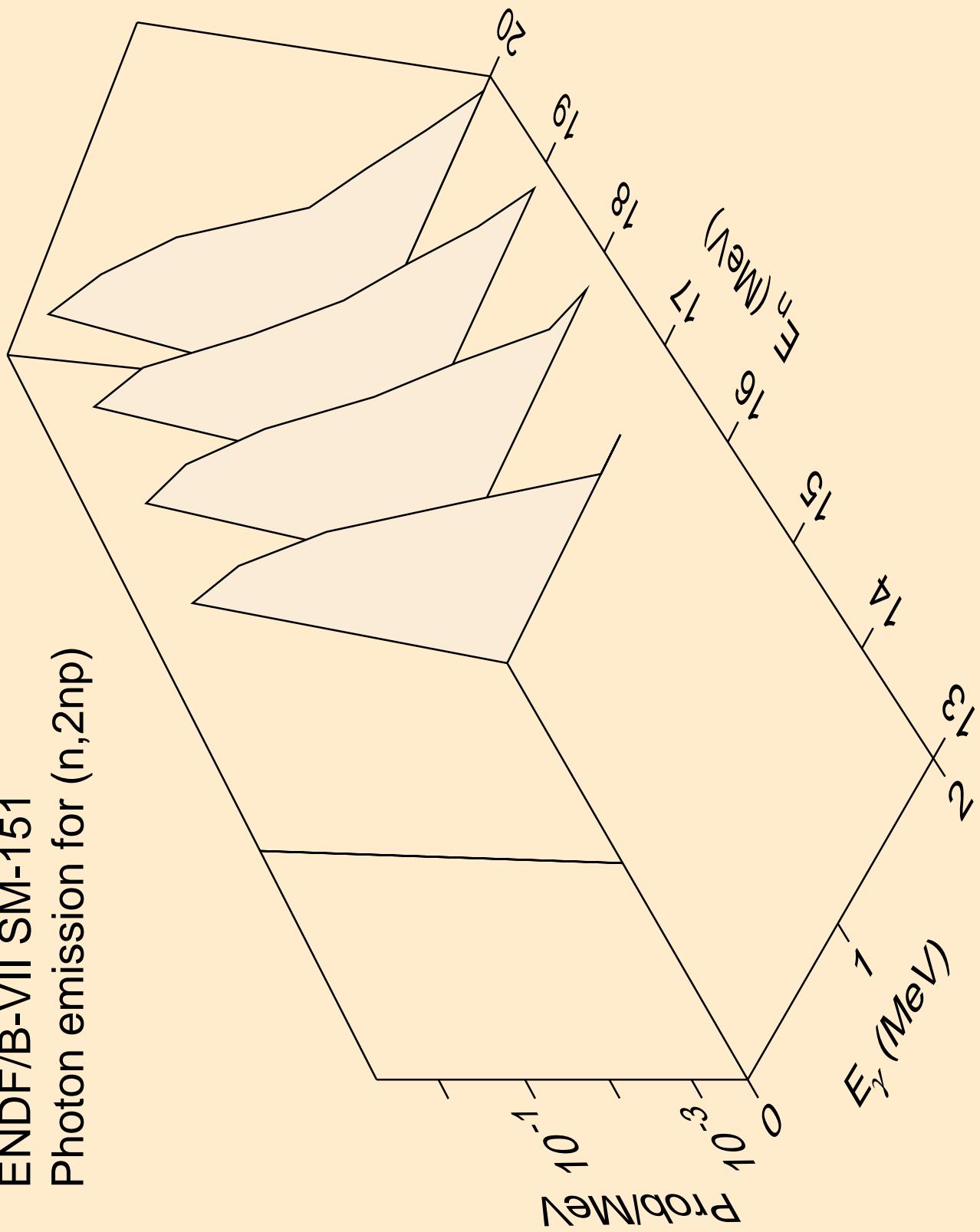


ENDF/B-VII SM-151  
Photon emission for  $(n, n^*)p$

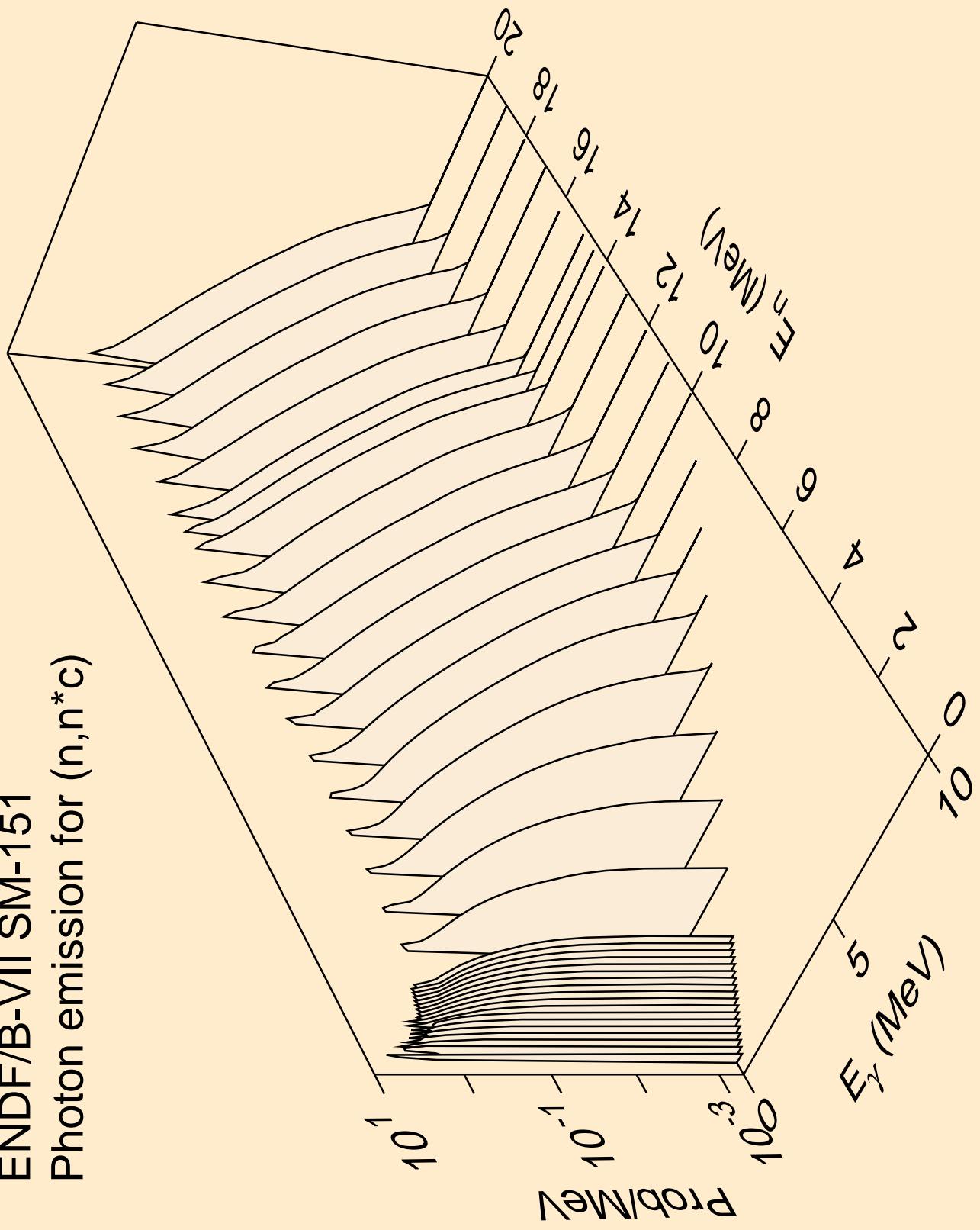


ENDF/B-VII SM-151

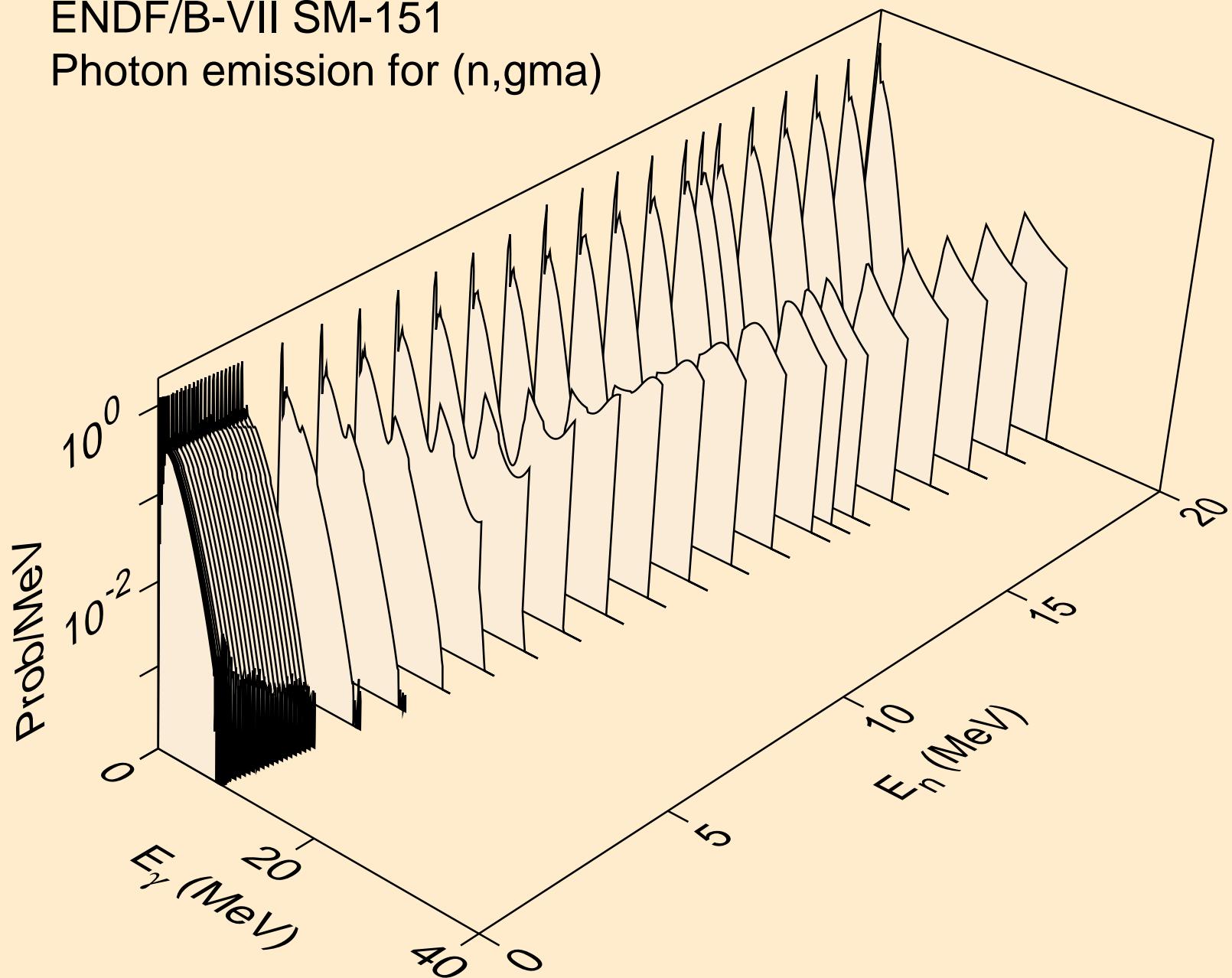
Photon emission for ( $n, 2np$ )



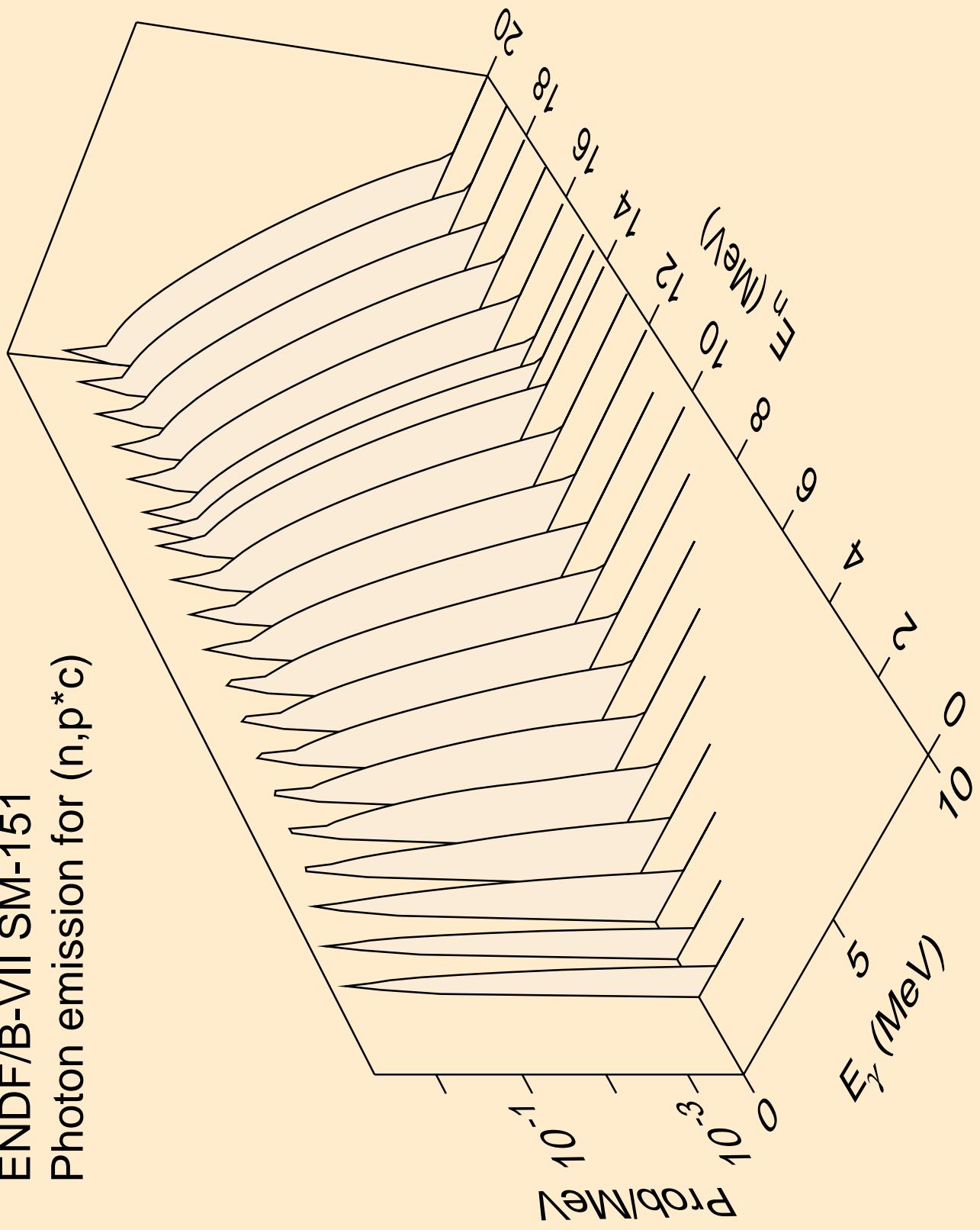
ENDF/B-VII SM-151  
Photon emission for  $(n, n^*c)$



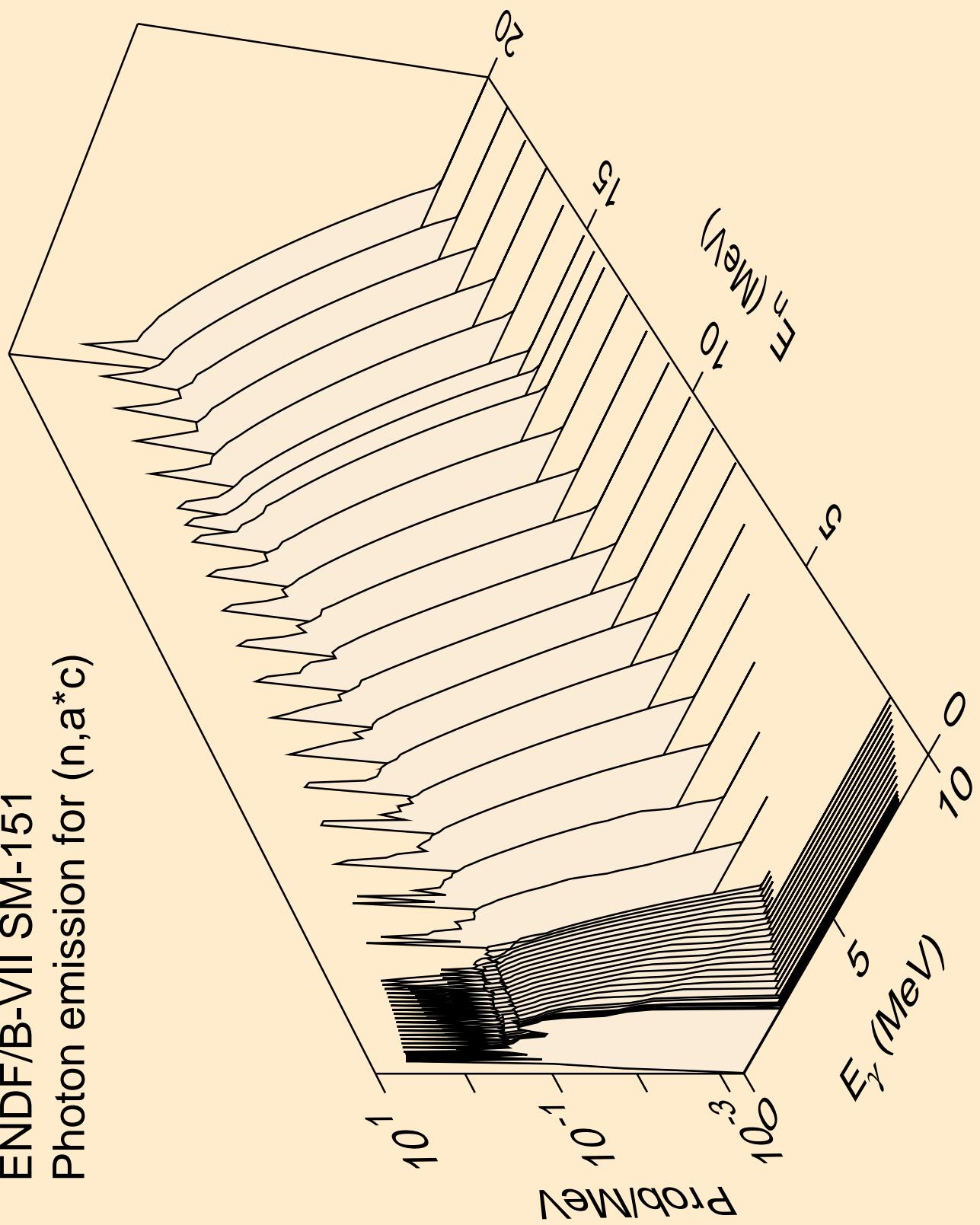
ENDF/B-VII SM-151  
Photon emission for (n,gma)



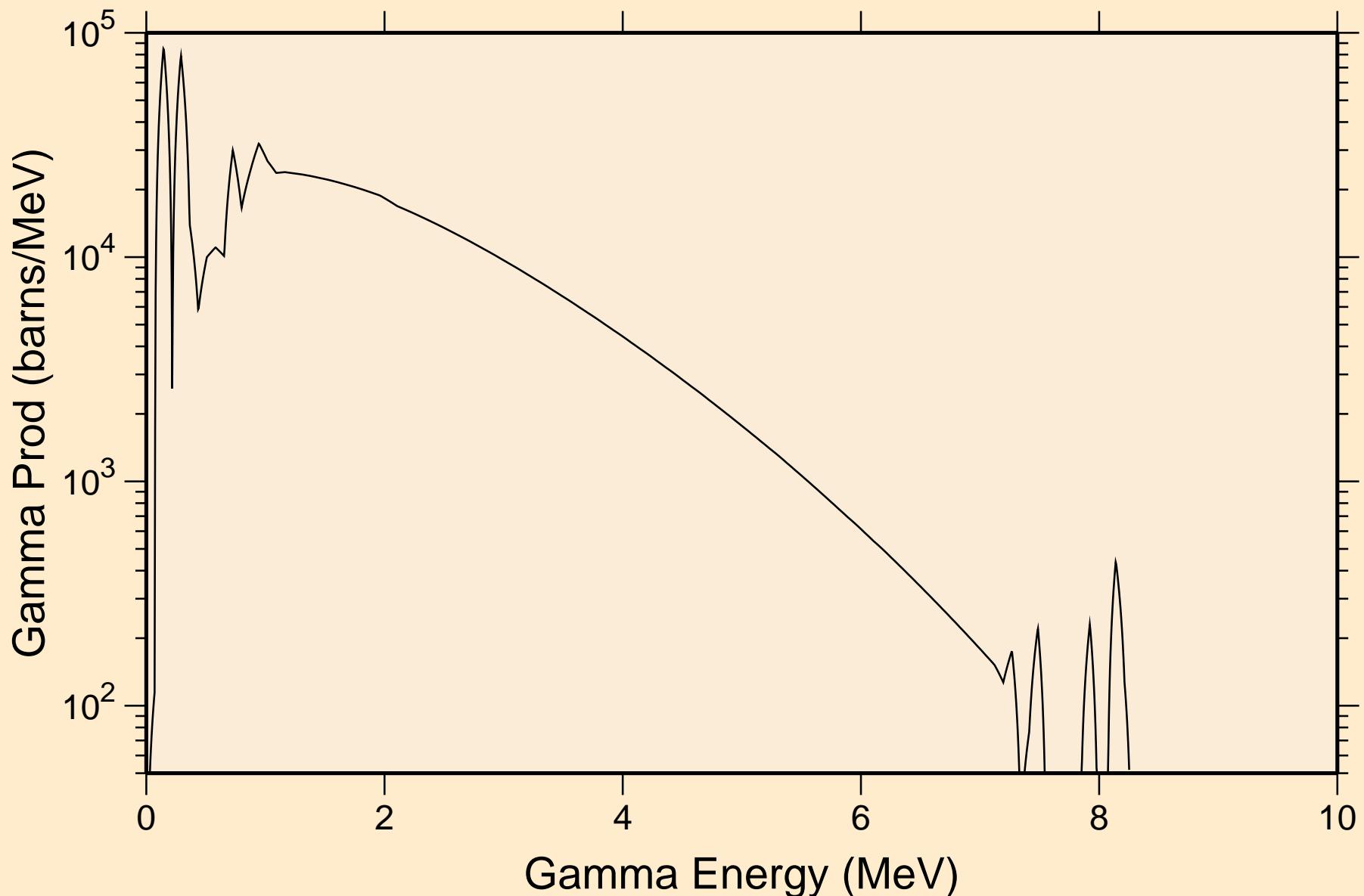
ENDF/B-VII SM-151  
Photon emission for  $(n, p^* c)$



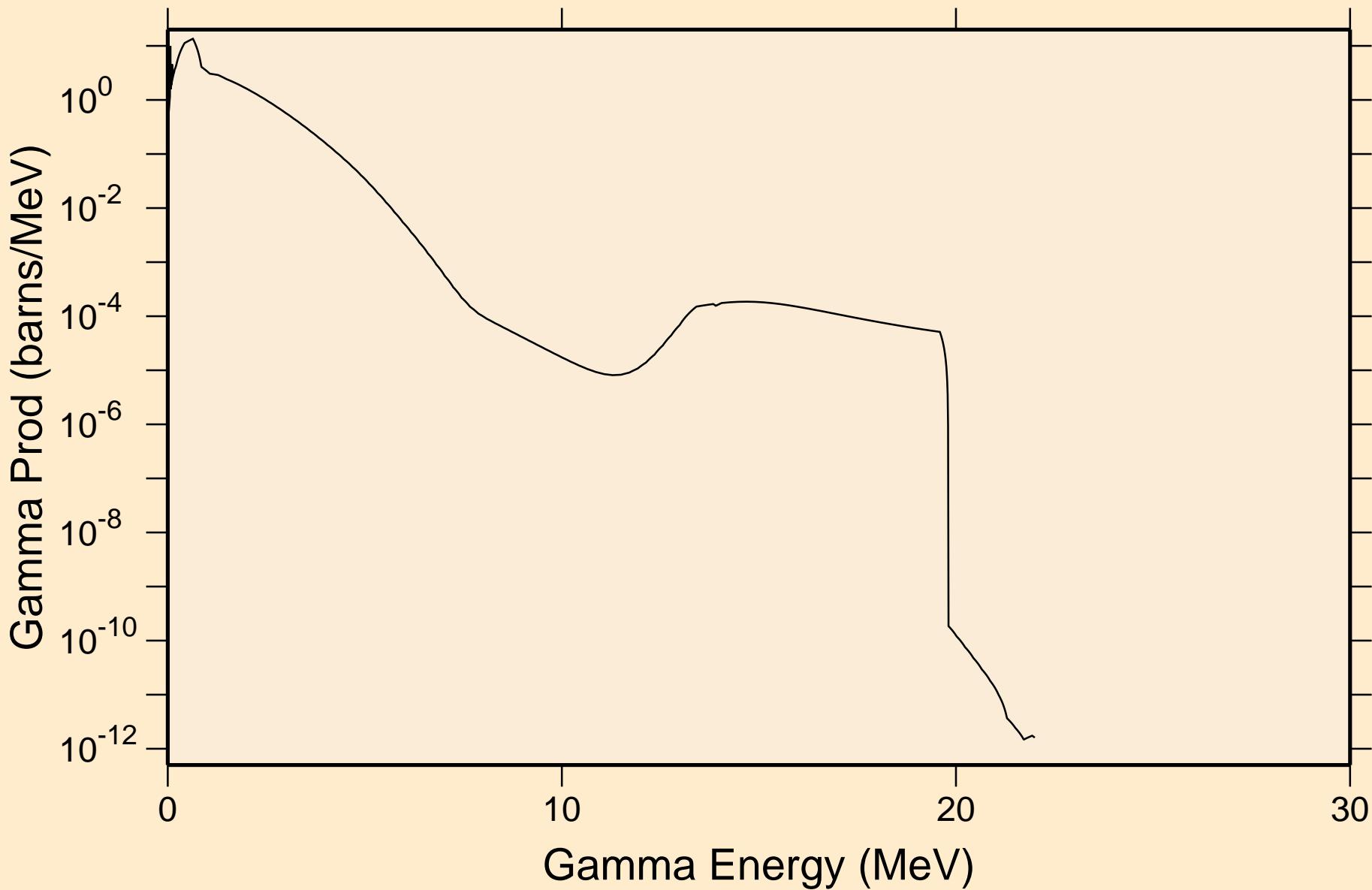
ENDF/B-VII SM-151  
Photon emission for  $(n, a^* c)$



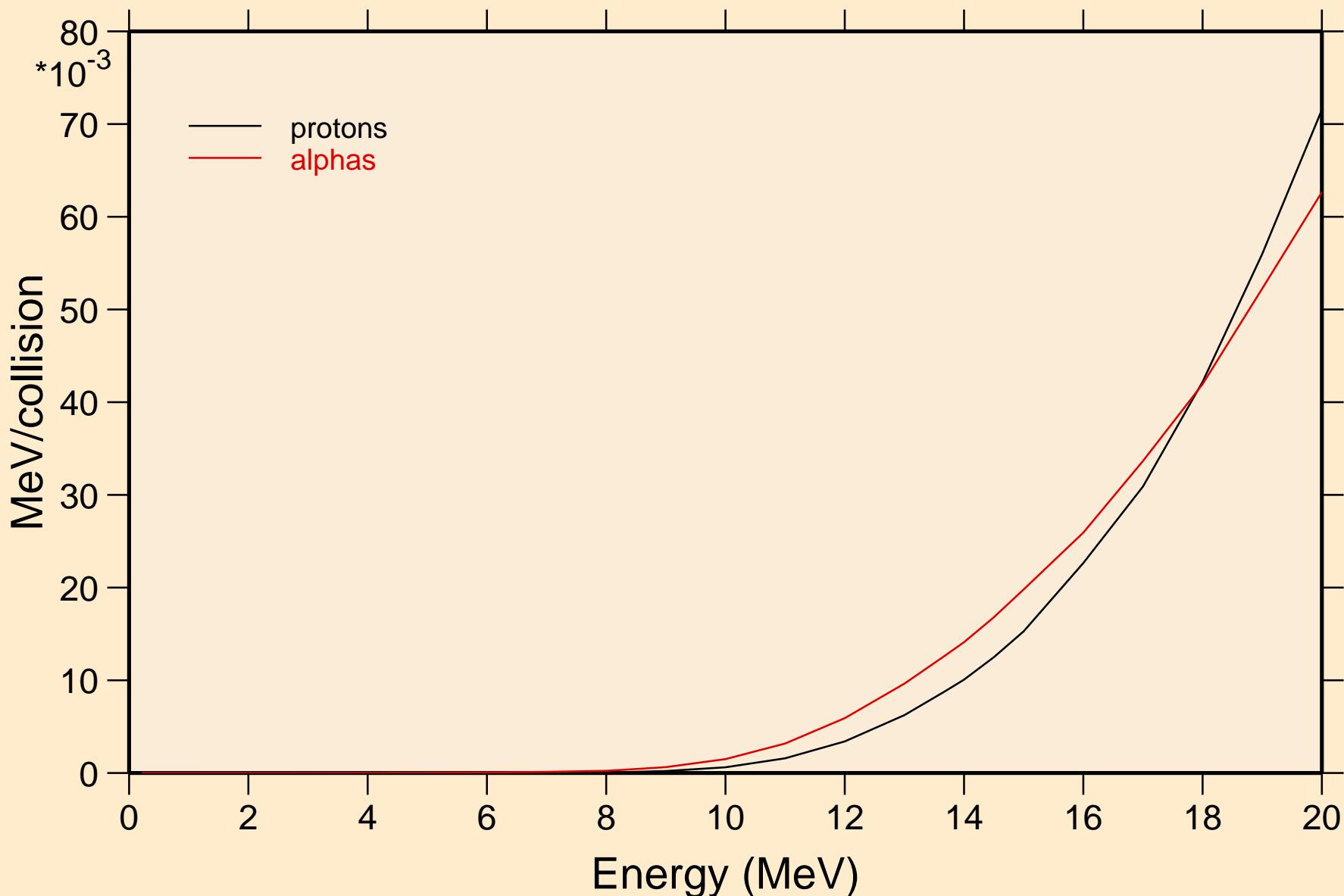
ENDF/B-VII SM-151  
thermal capture photon spectrum



ENDF/B-VII SM-151  
14 MeV photon spectrum

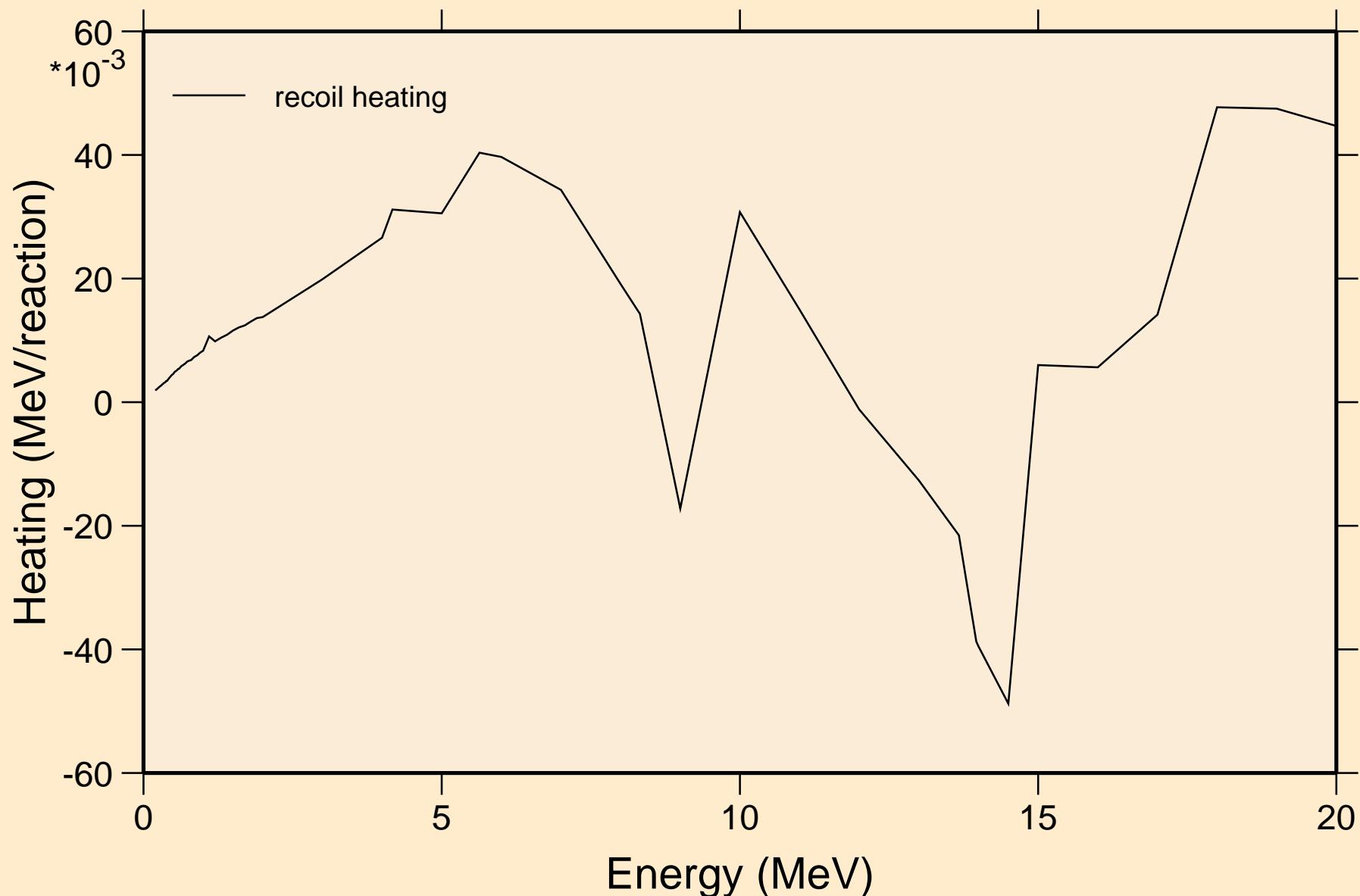


ENDF/B-VII SM-151  
Particle heating contributions

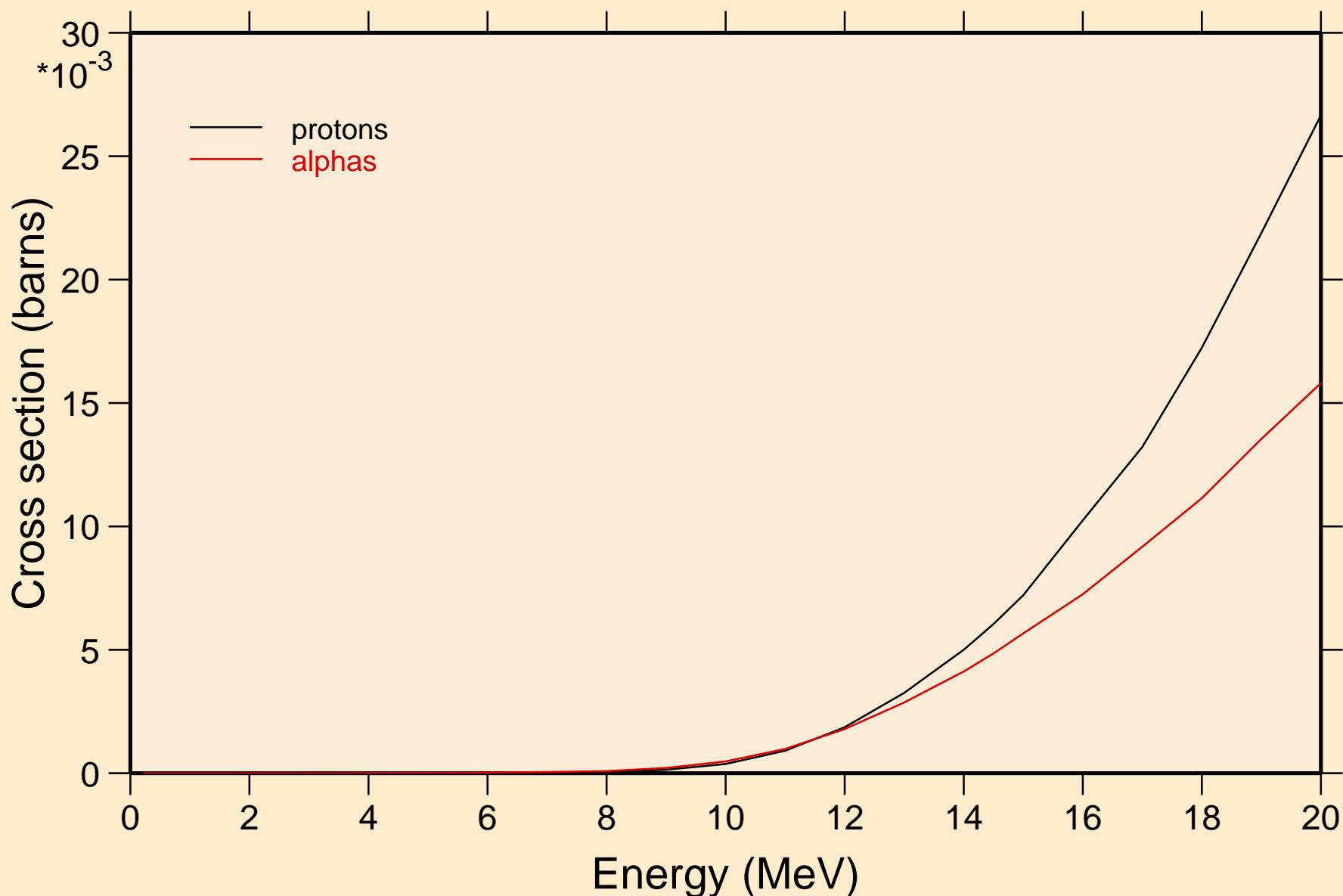


# ENDF/B-VII SM-151

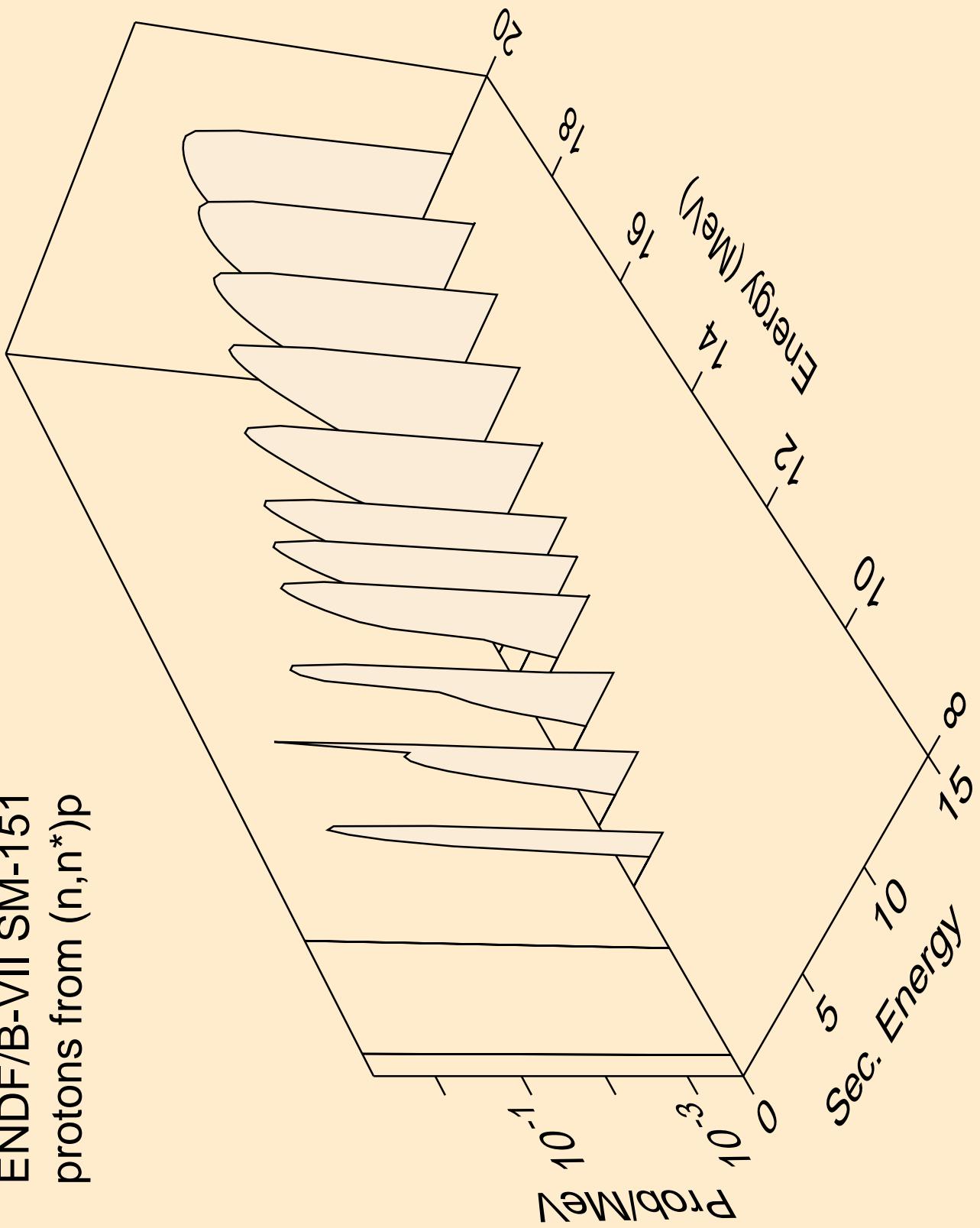
## Recoil Heating



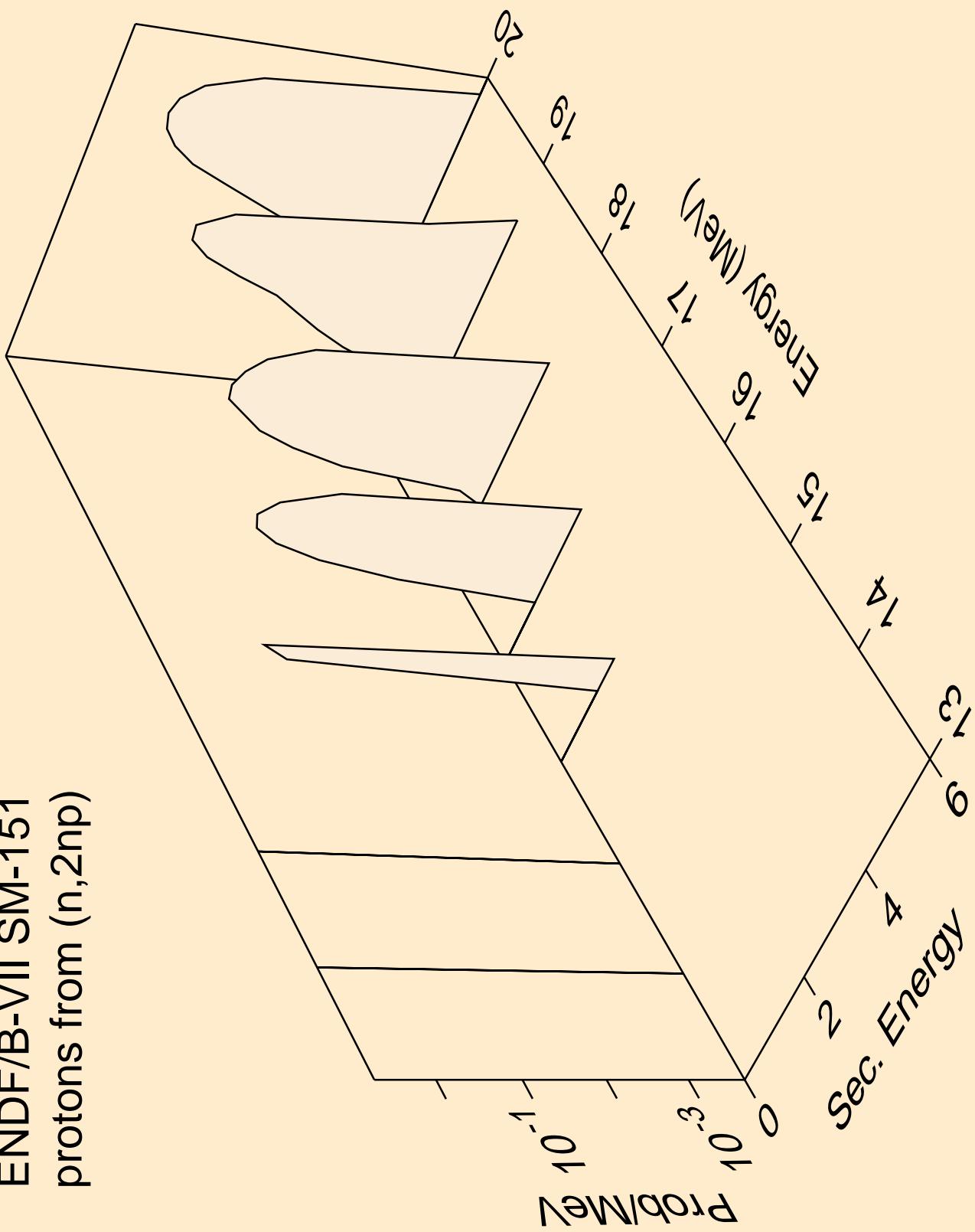
ENDF/B-VII SM-151  
Particle production cross sections



ENDF/B-VII SM-151  
protons from  $(n, n^*)p$

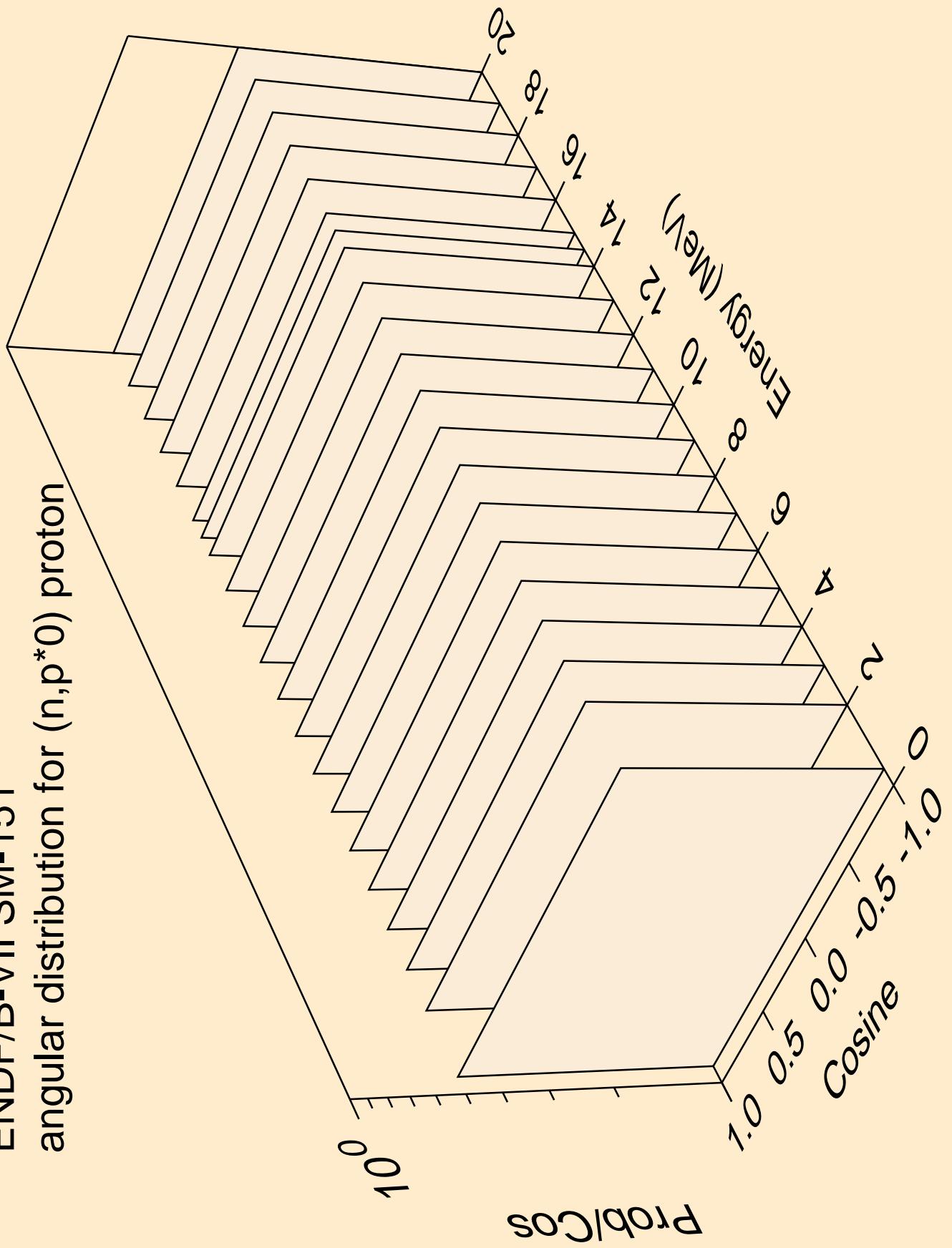


ENDF/B-VII SM-151  
protons from ( $n,2np$ )



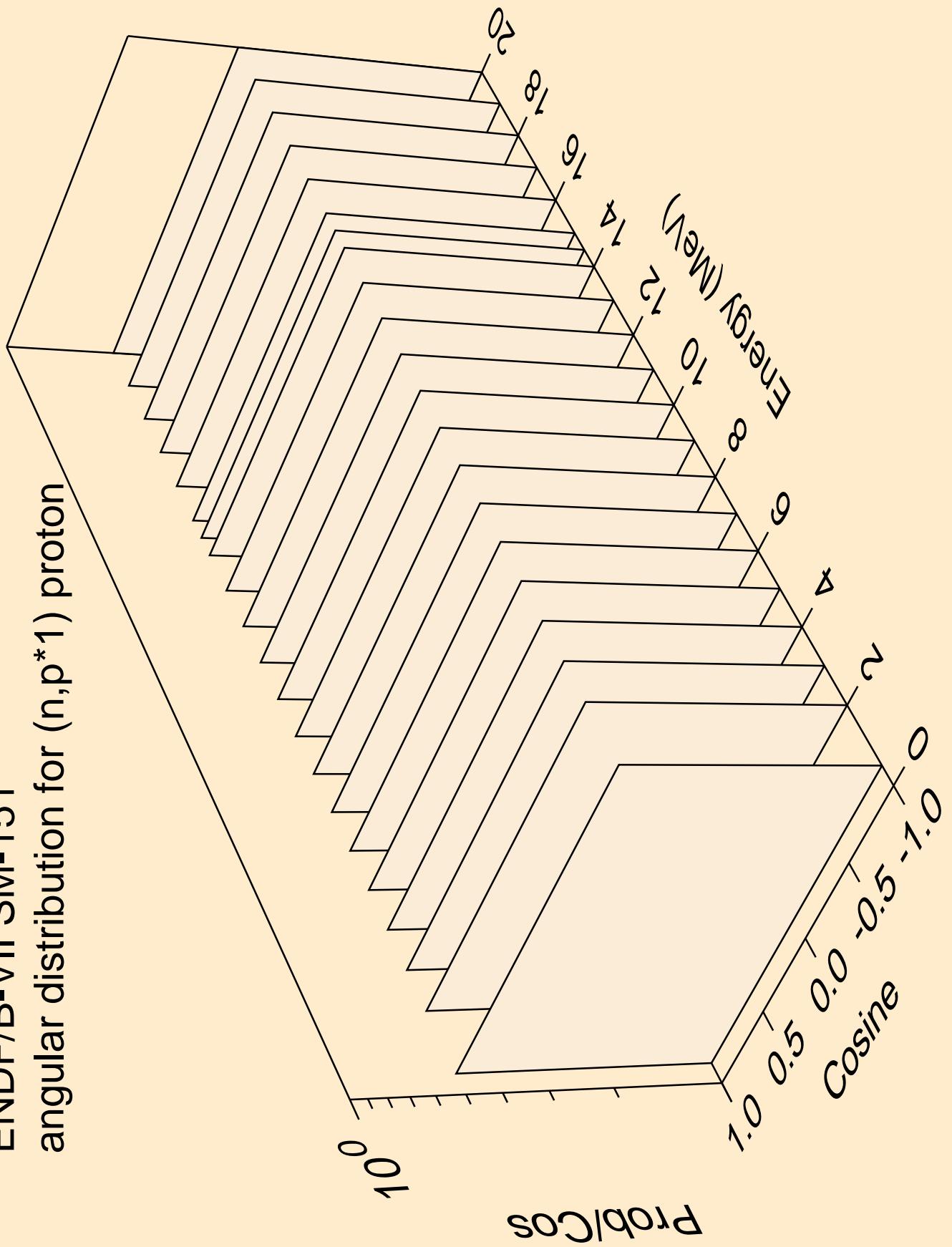
ENDF/B-VII SM-151

angular distribution for ( $n,p^*0$ ) proton



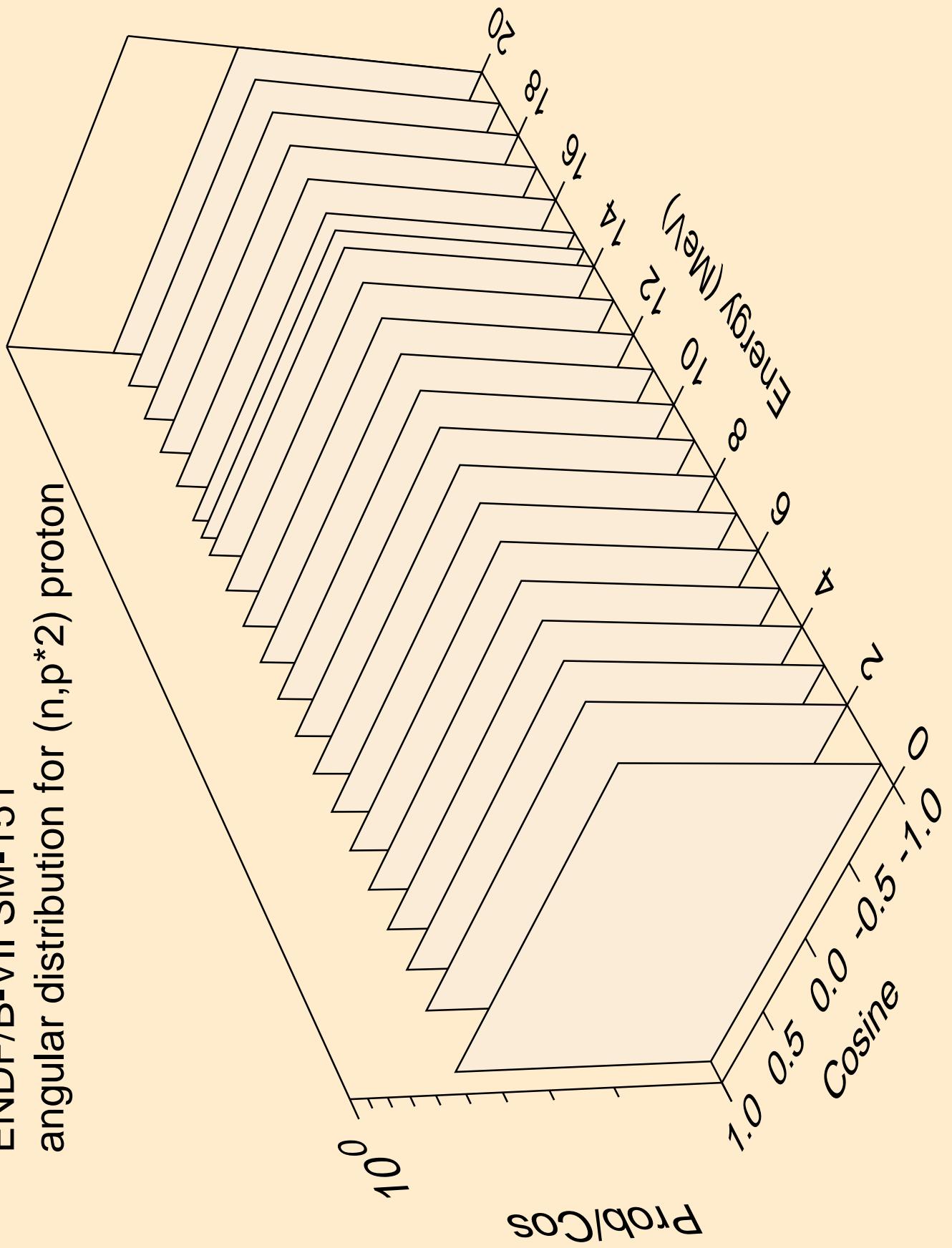
ENDF/B-VII SM-151

angular distribution for ( $n,p^*1$ ) proton



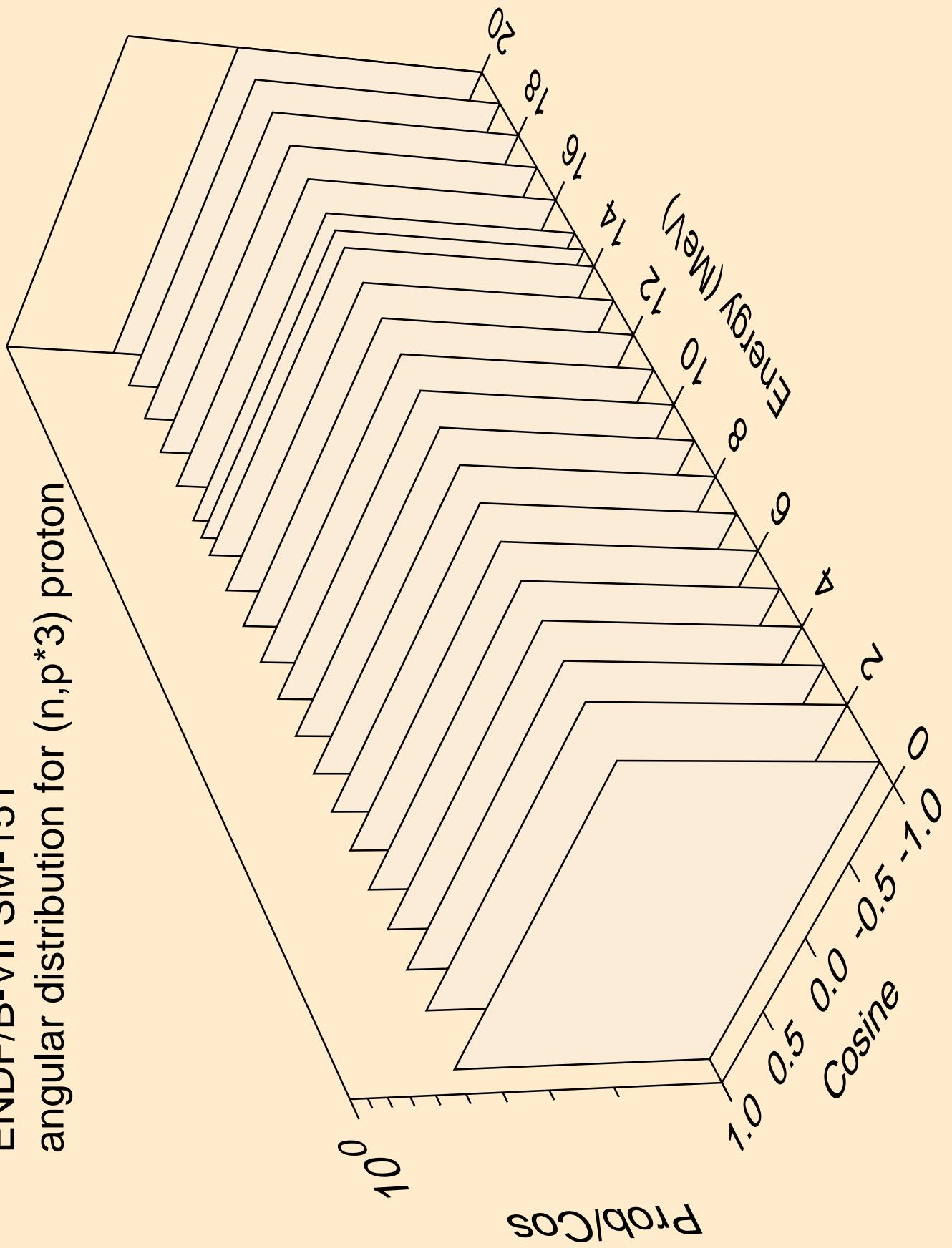
ENDF/B-VII SM-151

angular distribution for ( $n,p^*2$ ) proton



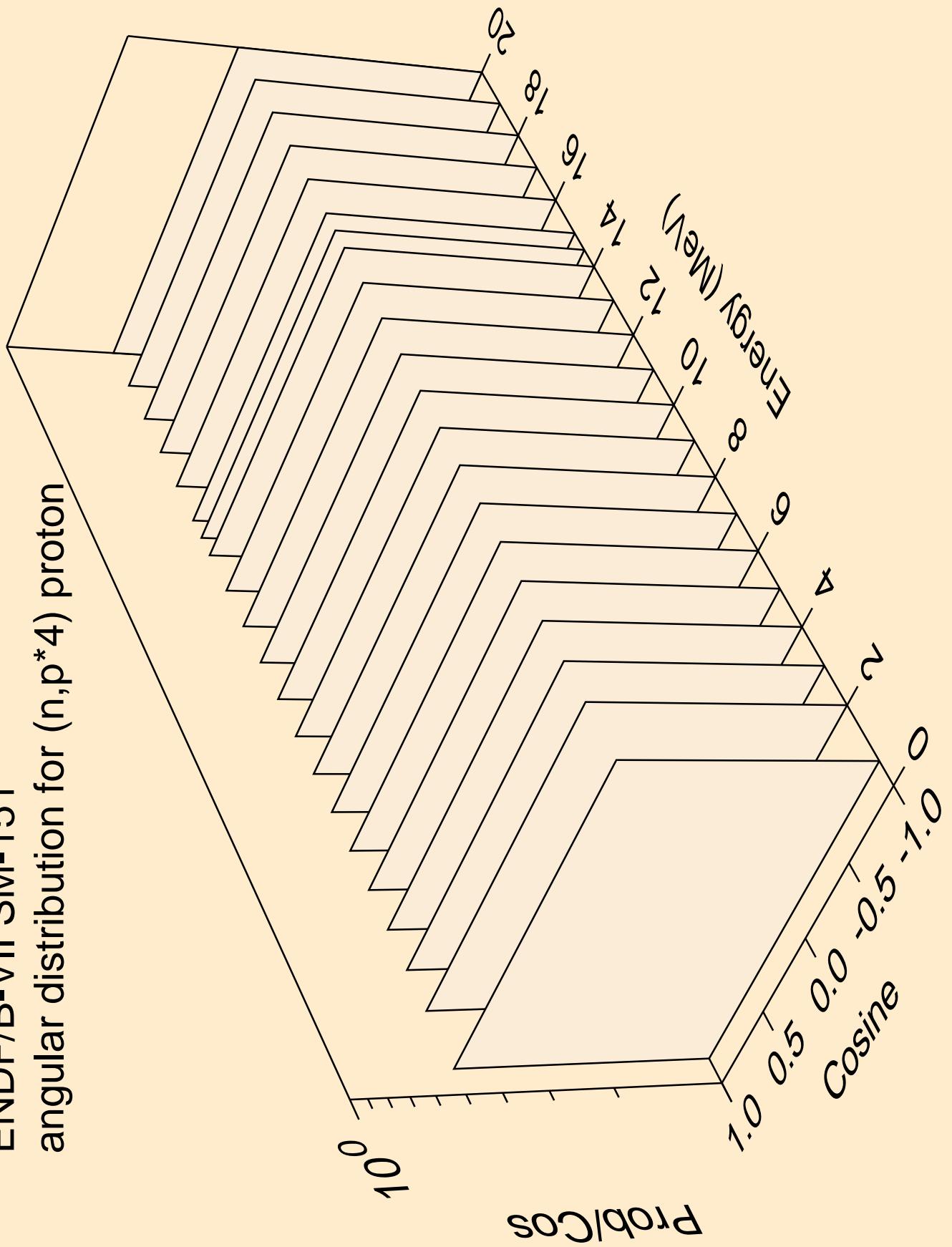
ENDF/B-VII SM-151

angular distribution for ( $n,p^*3$ ) proton



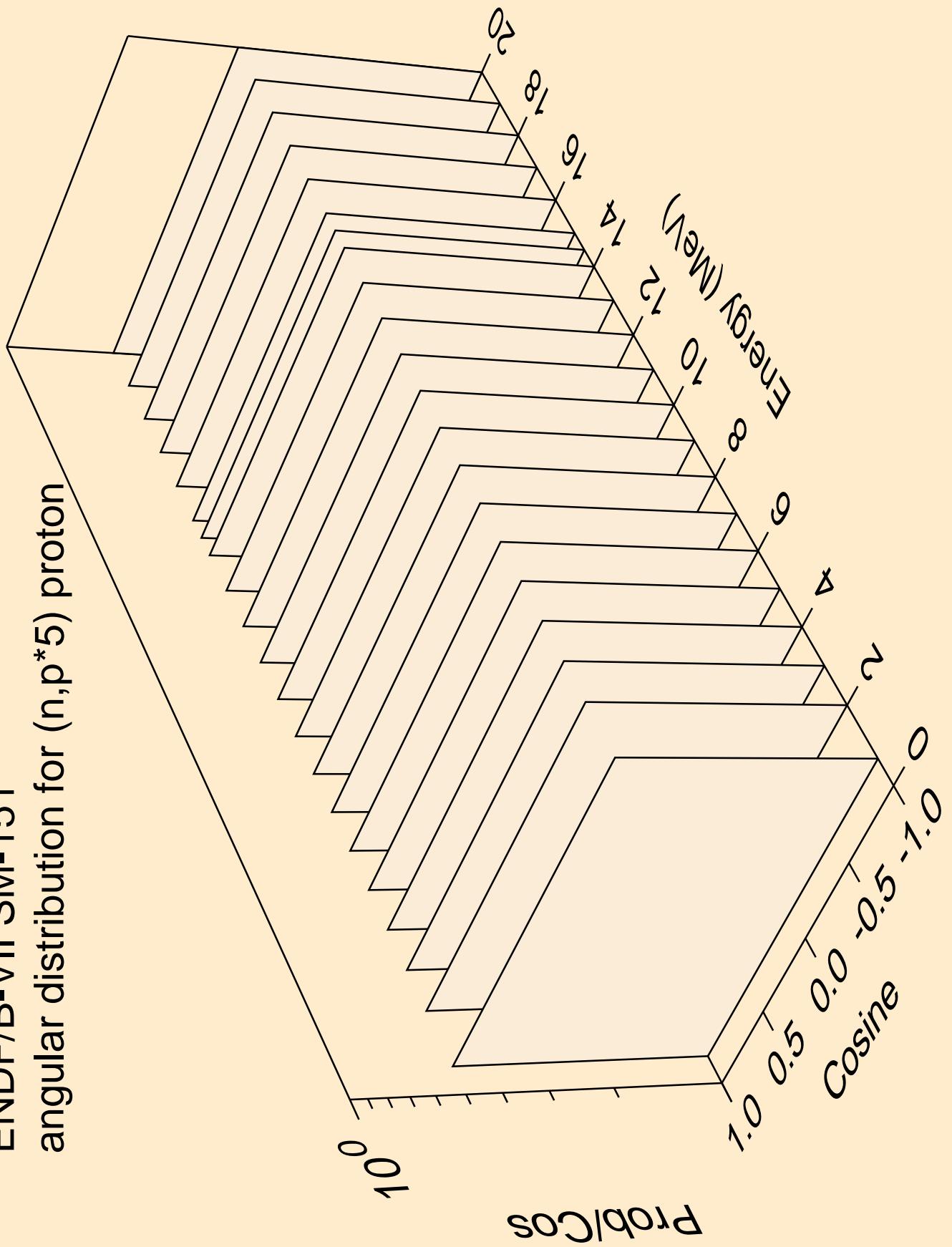
ENDF/B-VII SM-151

angular distribution for ( $n,p^*4$ ) proton



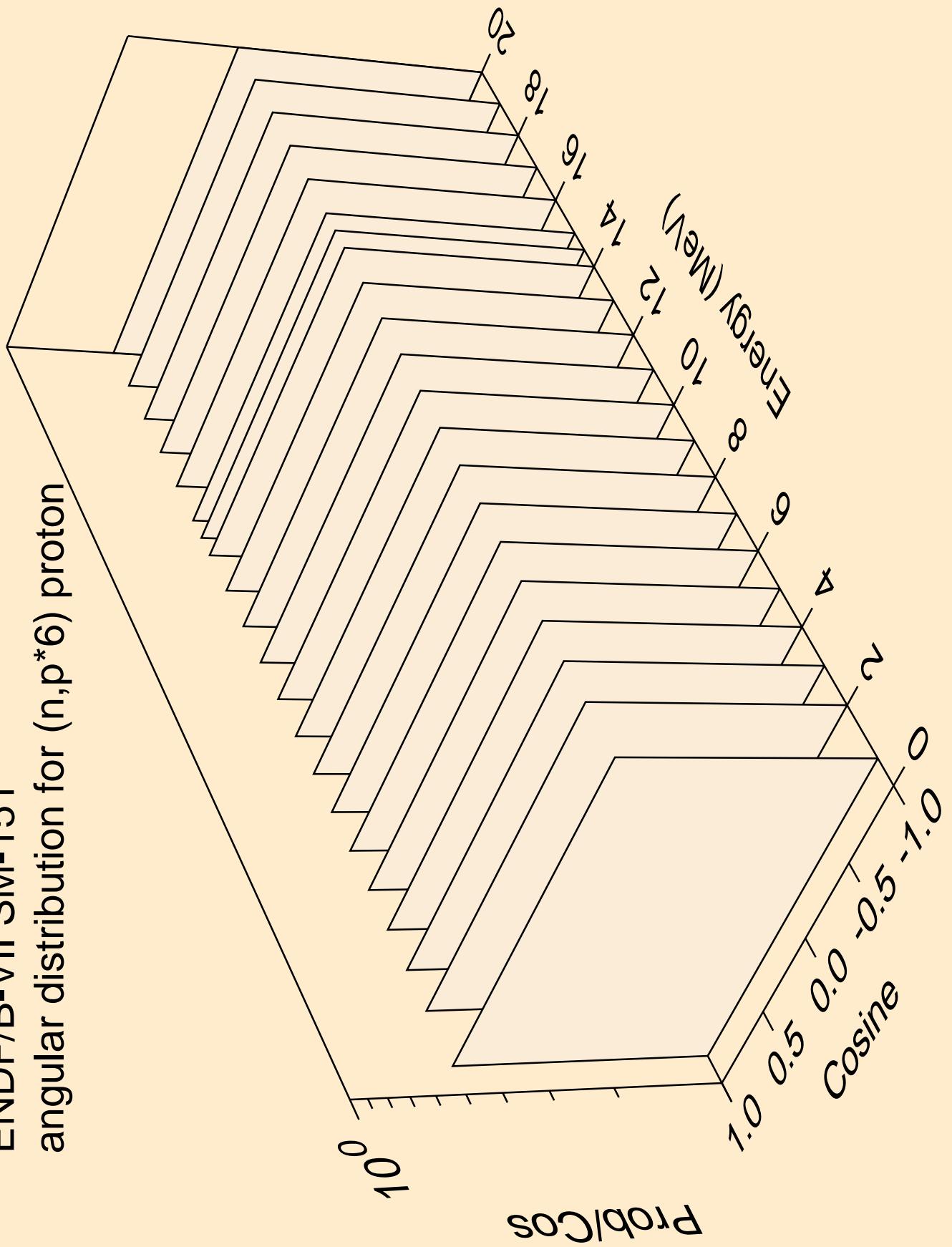
ENDF/B-VII SM-151

angular distribution for ( $n,p^*5$ ) proton



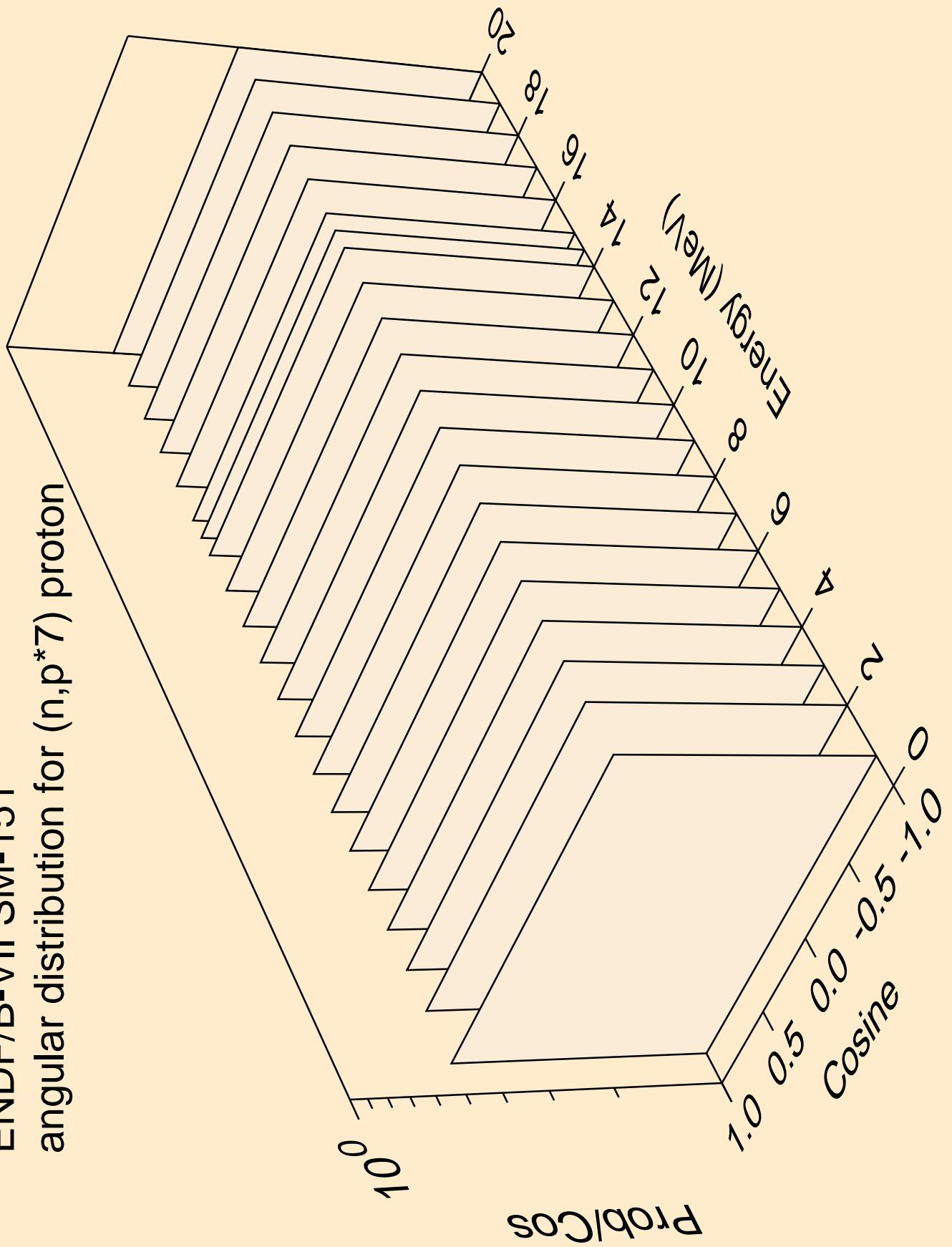
ENDF/B-VII SM-151

angular distribution for ( $n,p^*6$ ) proton



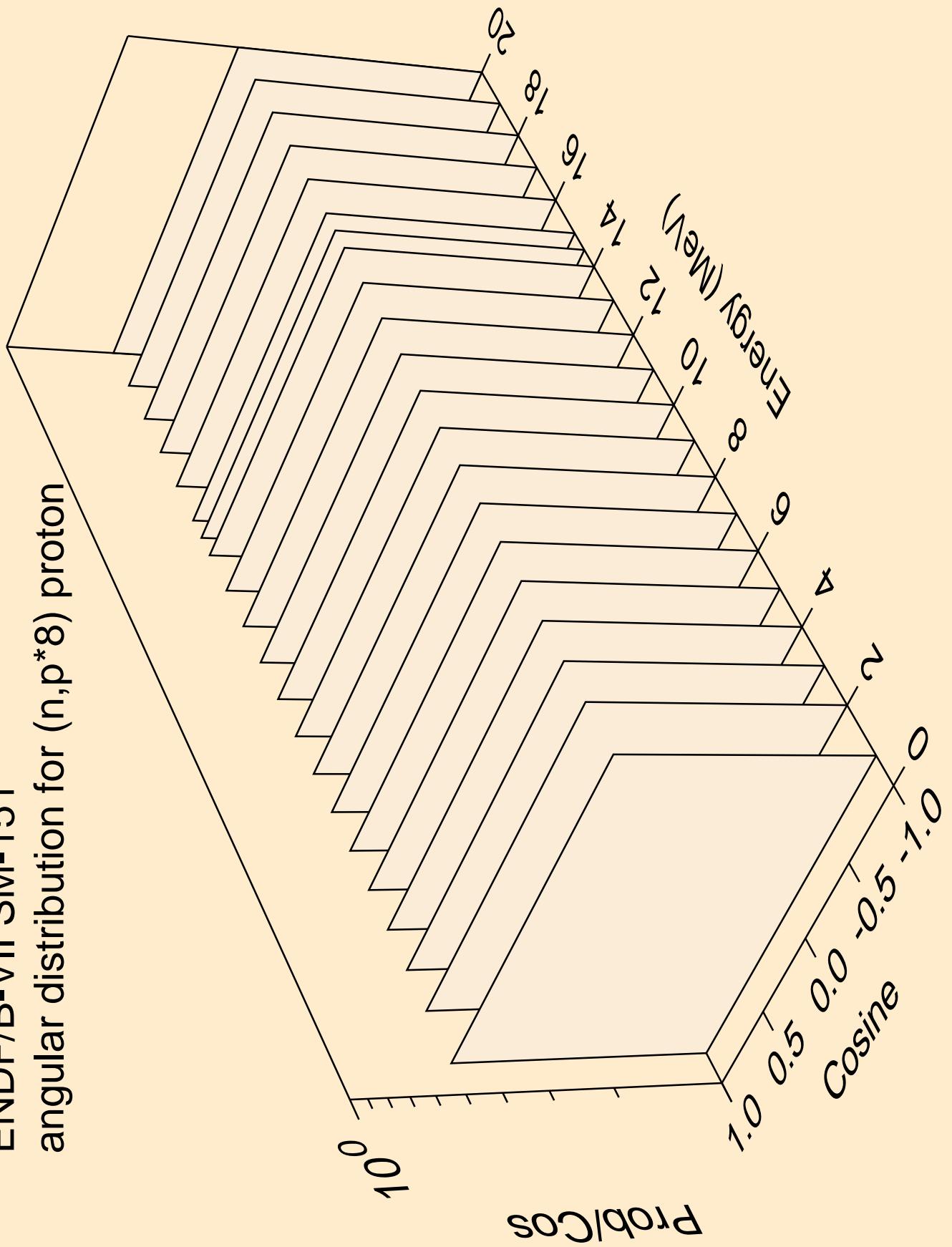
ENDF/B-VII SM-151

angular distribution for ( $n,p^*7$ ) proton



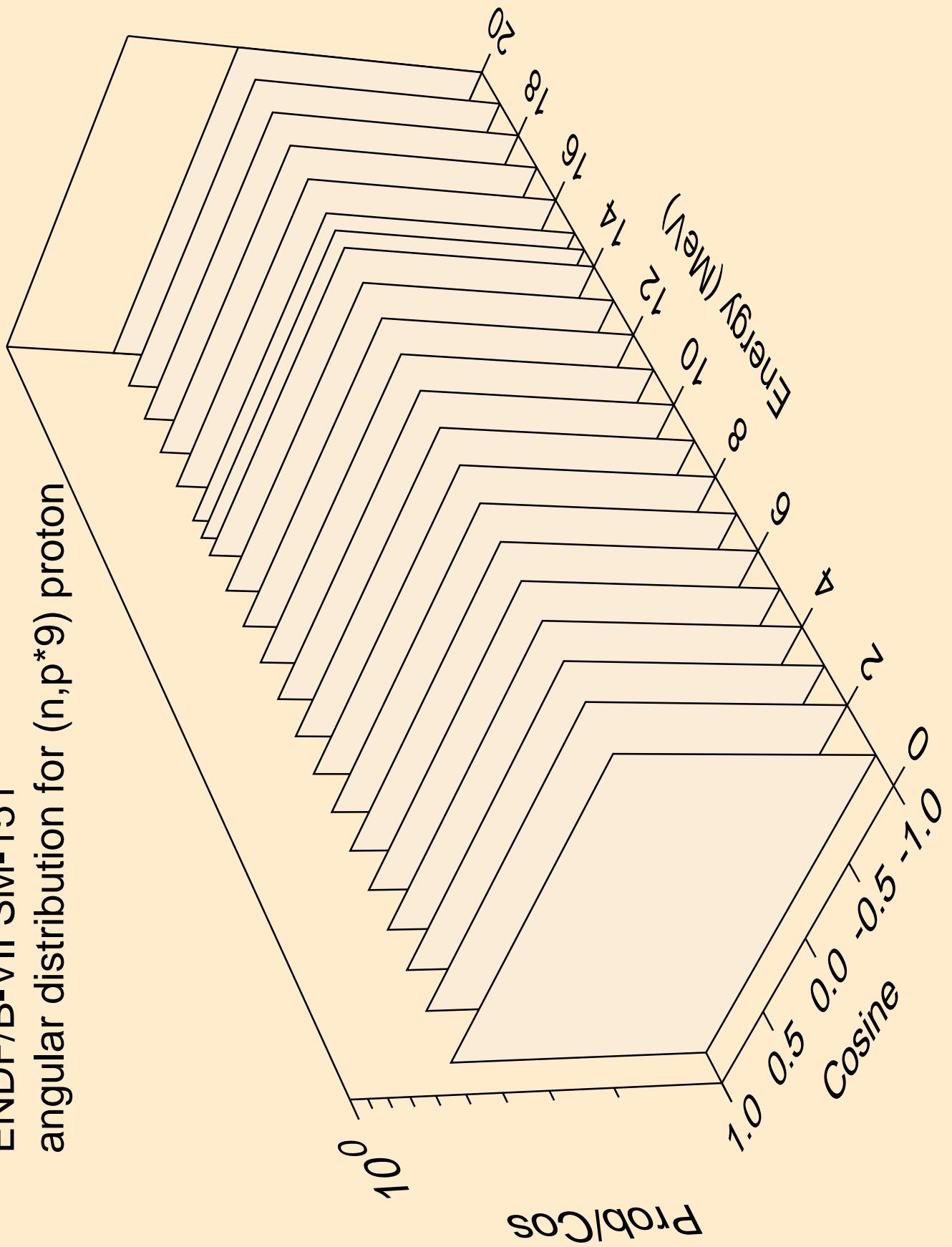
ENDF/B-VII SM-151

angular distribution for ( $n,p^*8$ ) proton

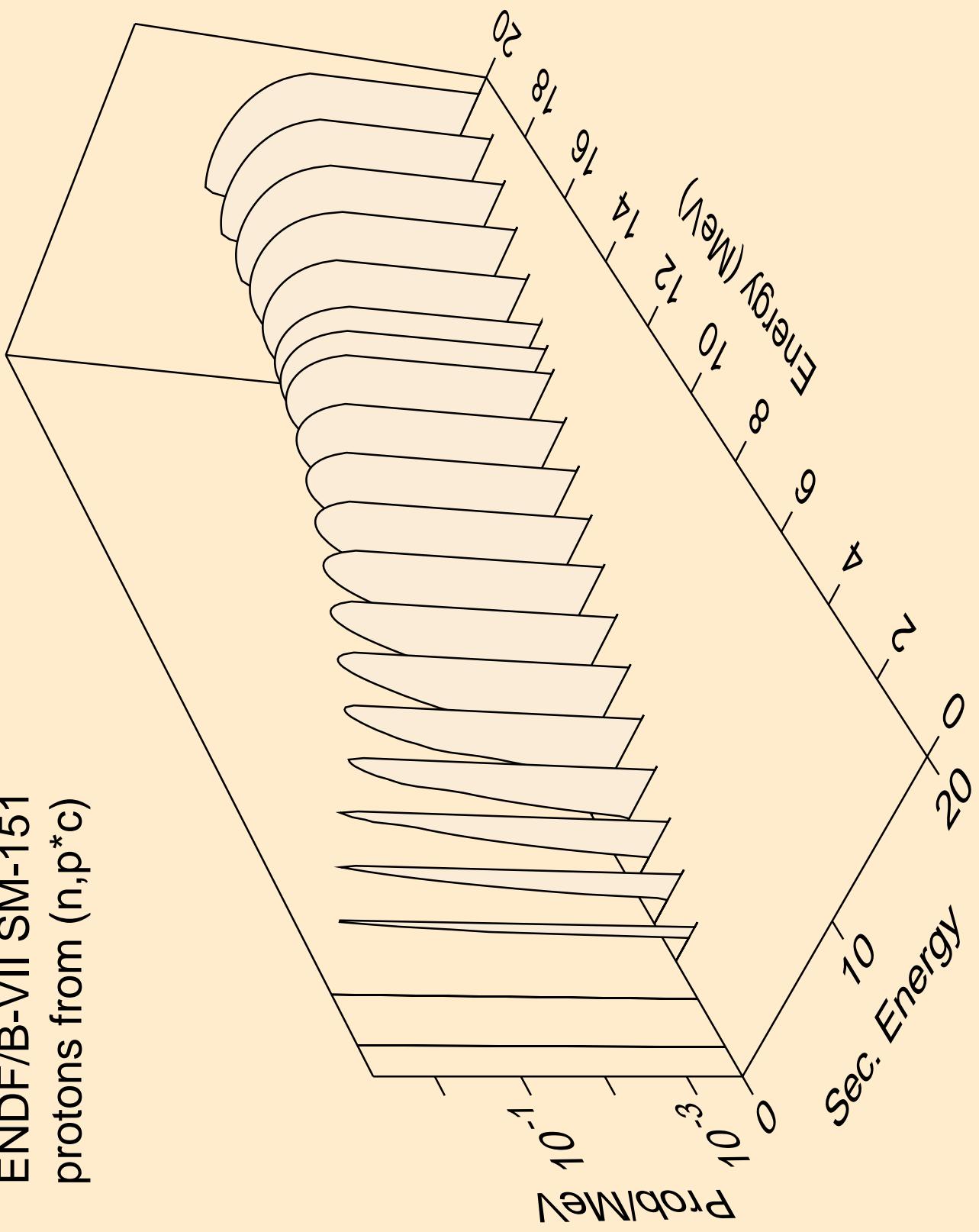


ENDF/B-VII SM-151

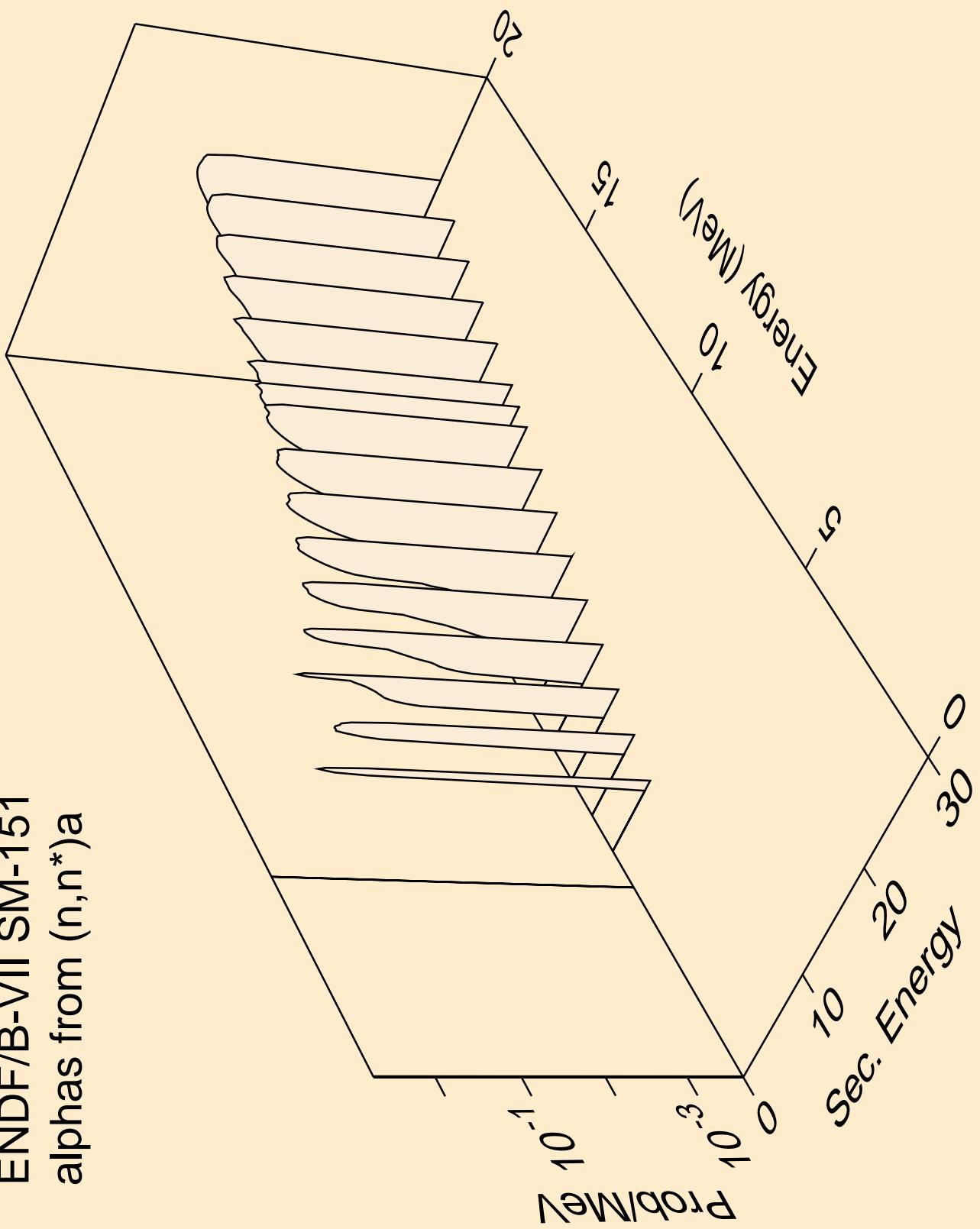
angular distribution for ( $n,p^*9$ ) proton



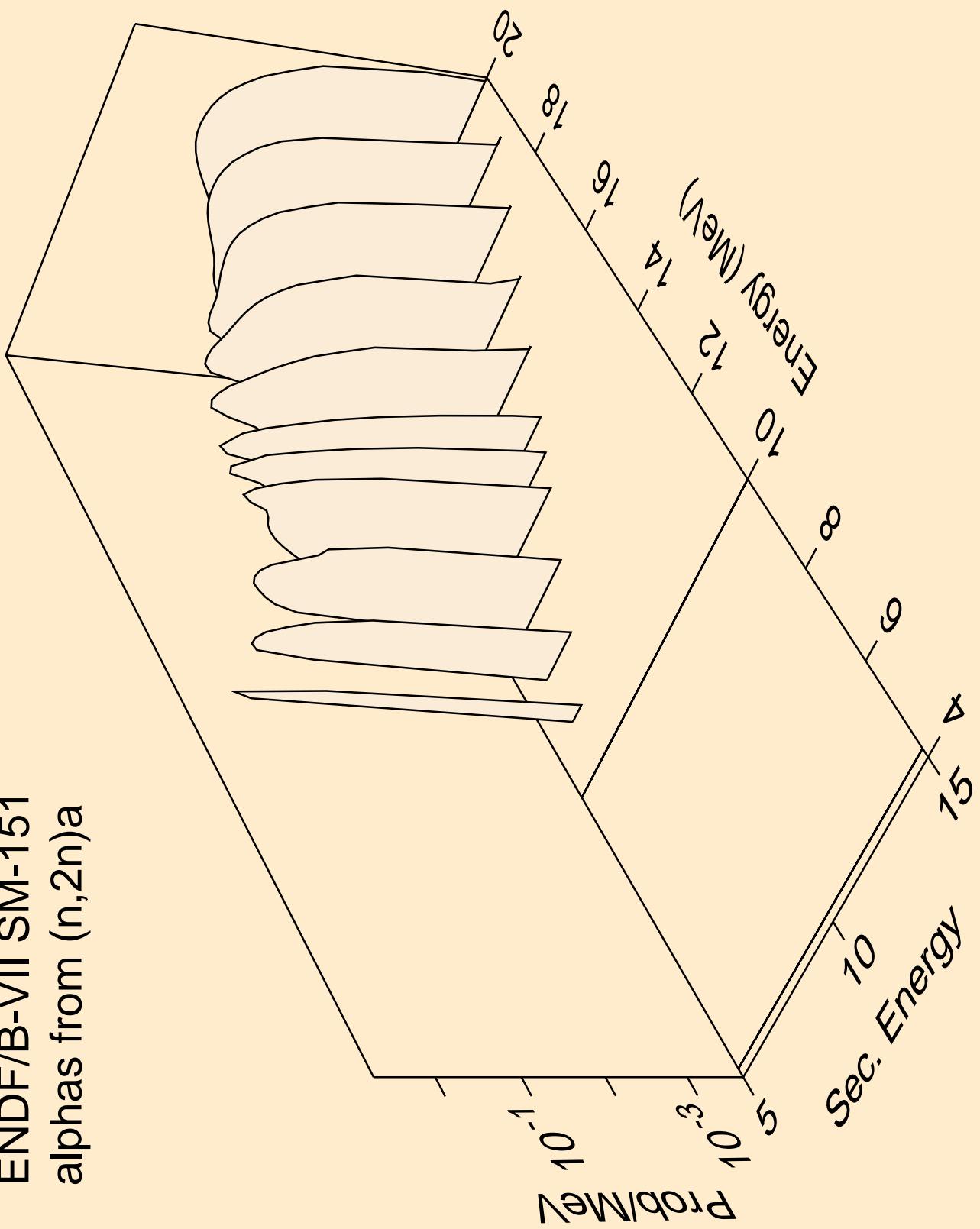
ENDF/B-VII SM-151  
protons from  $(n, p^*c)$



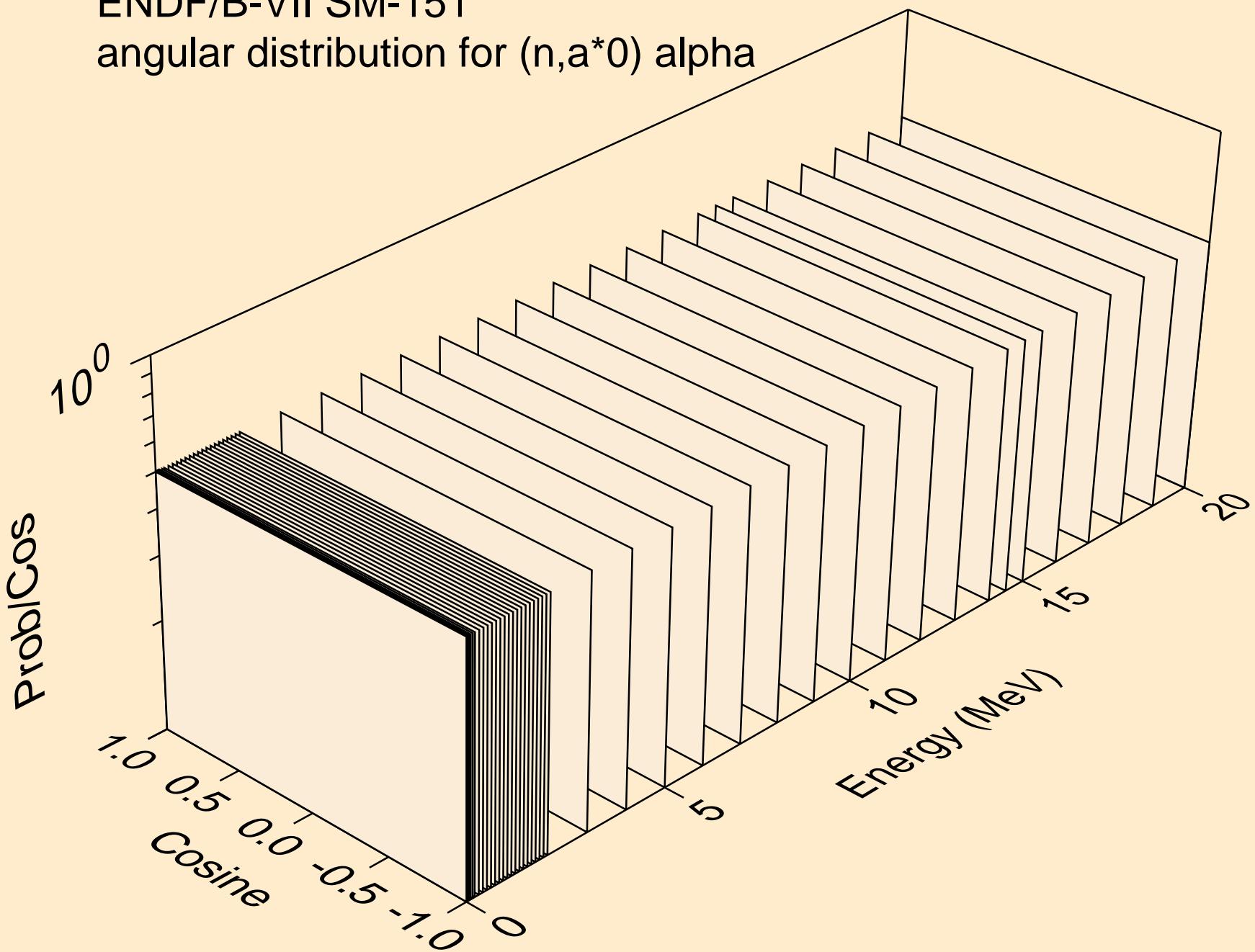
ENDF/B-VII SM-151  
alphas from  $(n, n^*)a$



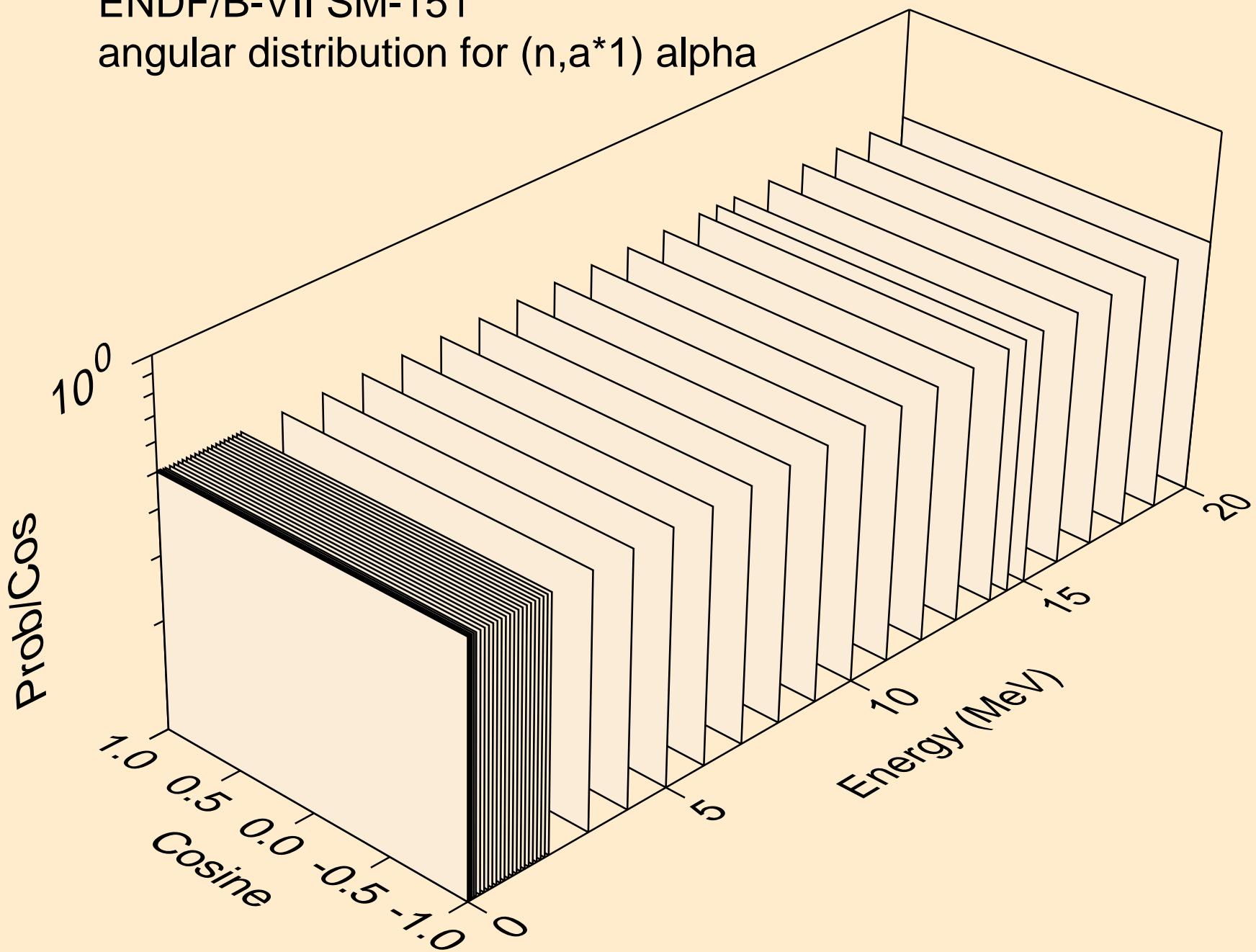
ENDF/B-VII SM-151  
alphas from  $(n,2n)\alpha$



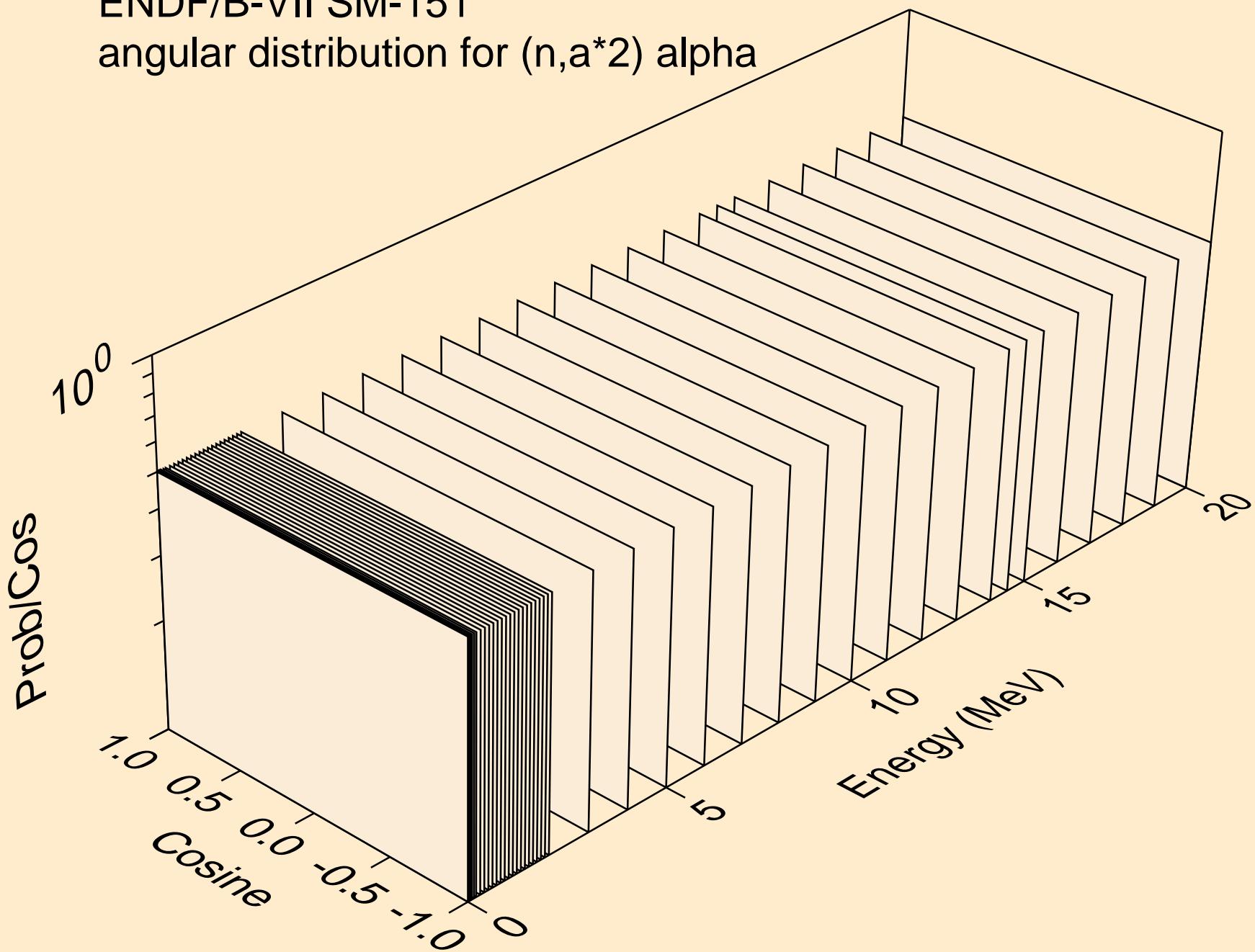
ENDF/B-VII SM-151  
angular distribution for ( $n, a^* 0$ ) alpha



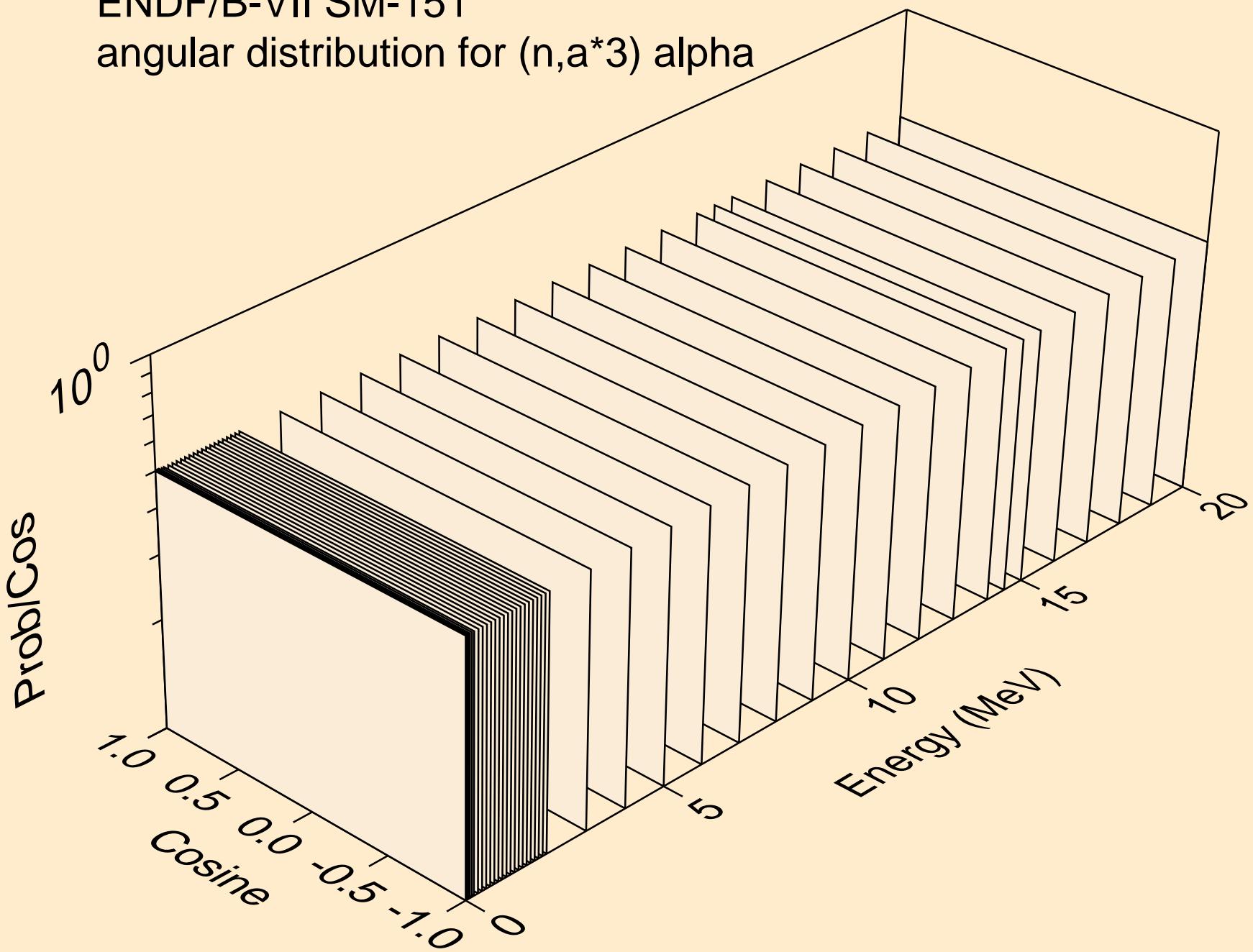
ENDF/B-VII SM-151  
angular distribution for (n,a\*1) alpha



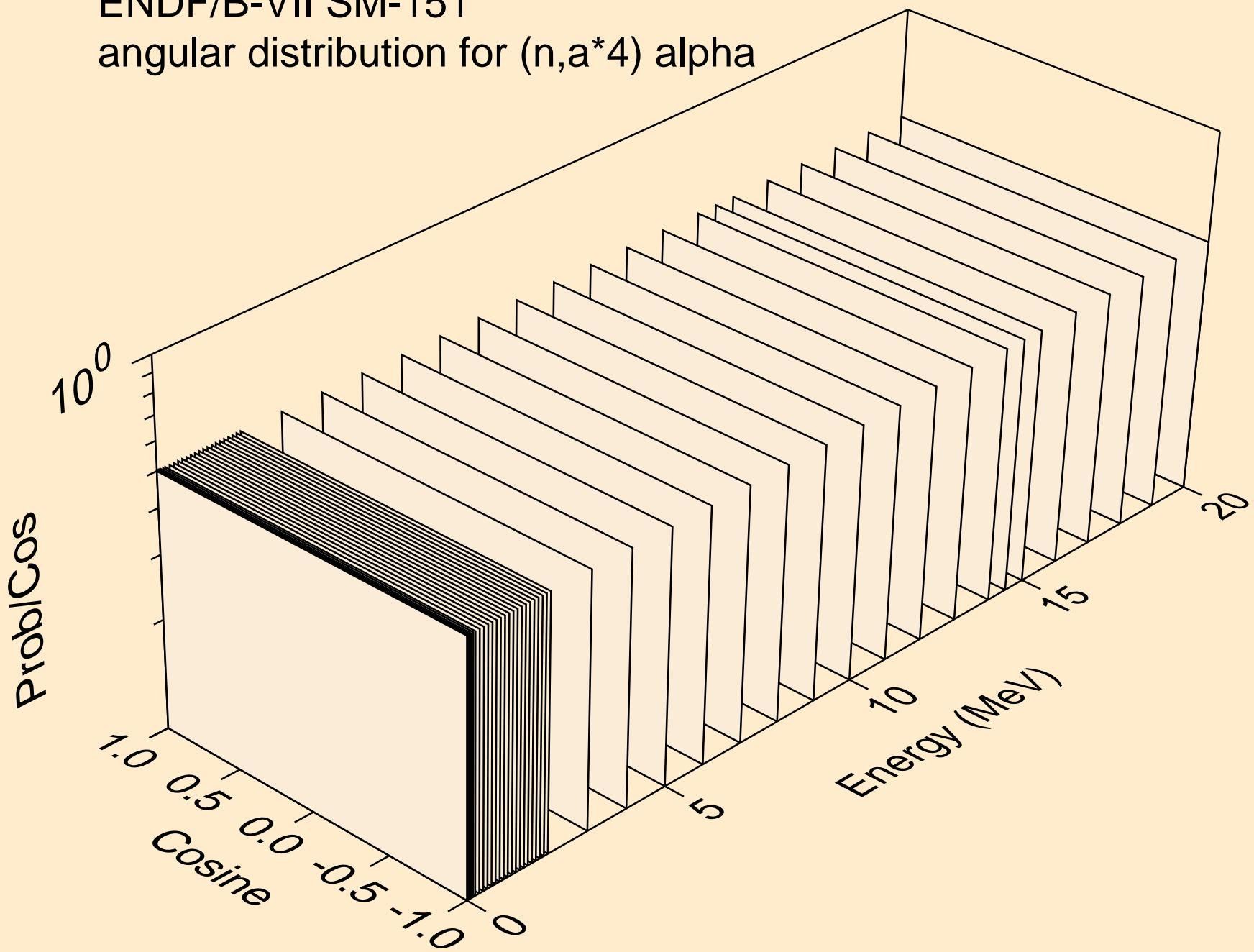
ENDF/B-VII SM-151  
angular distribution for  $(n,a^*2)$  alpha



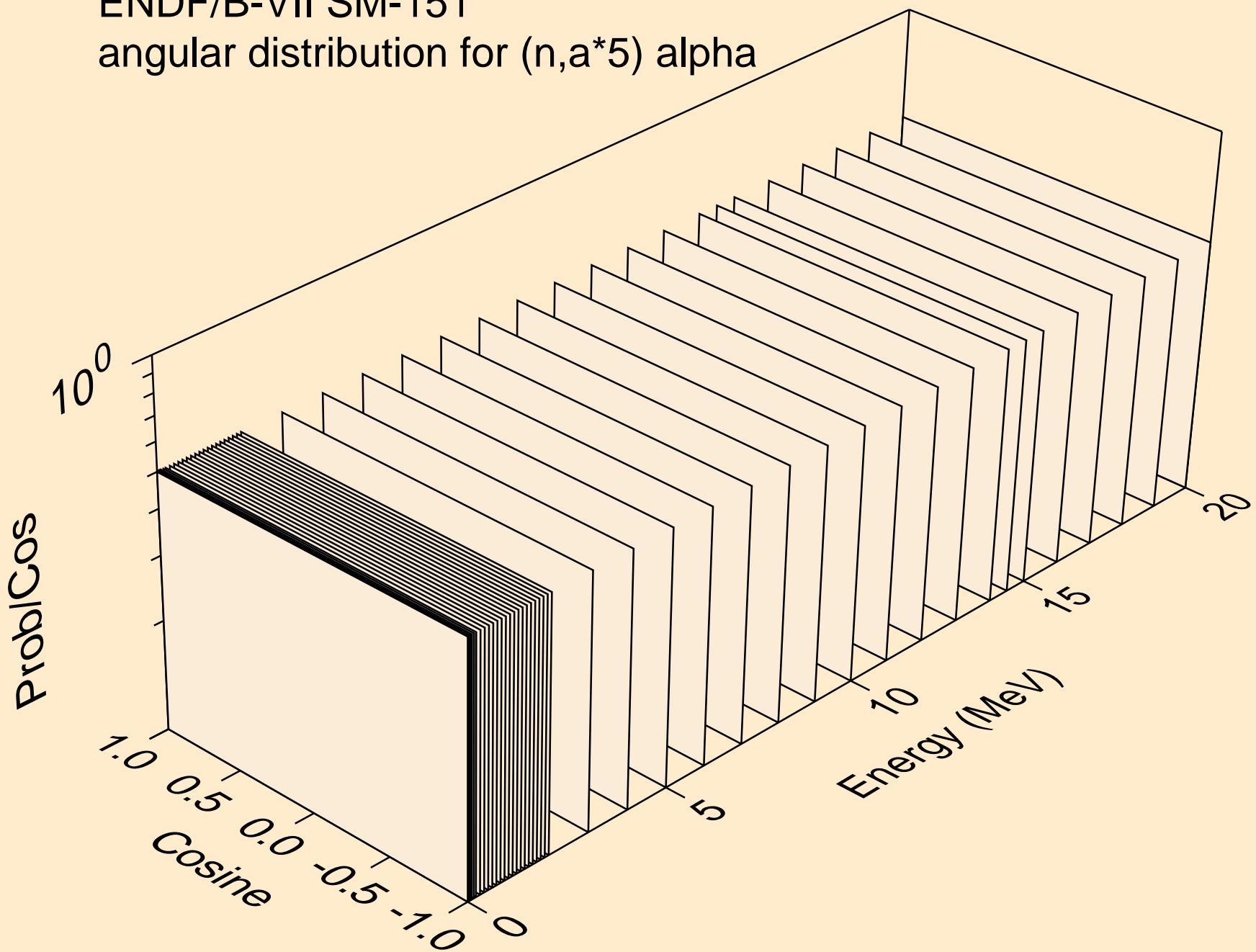
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angular distribution for (n,a\*3) alpha



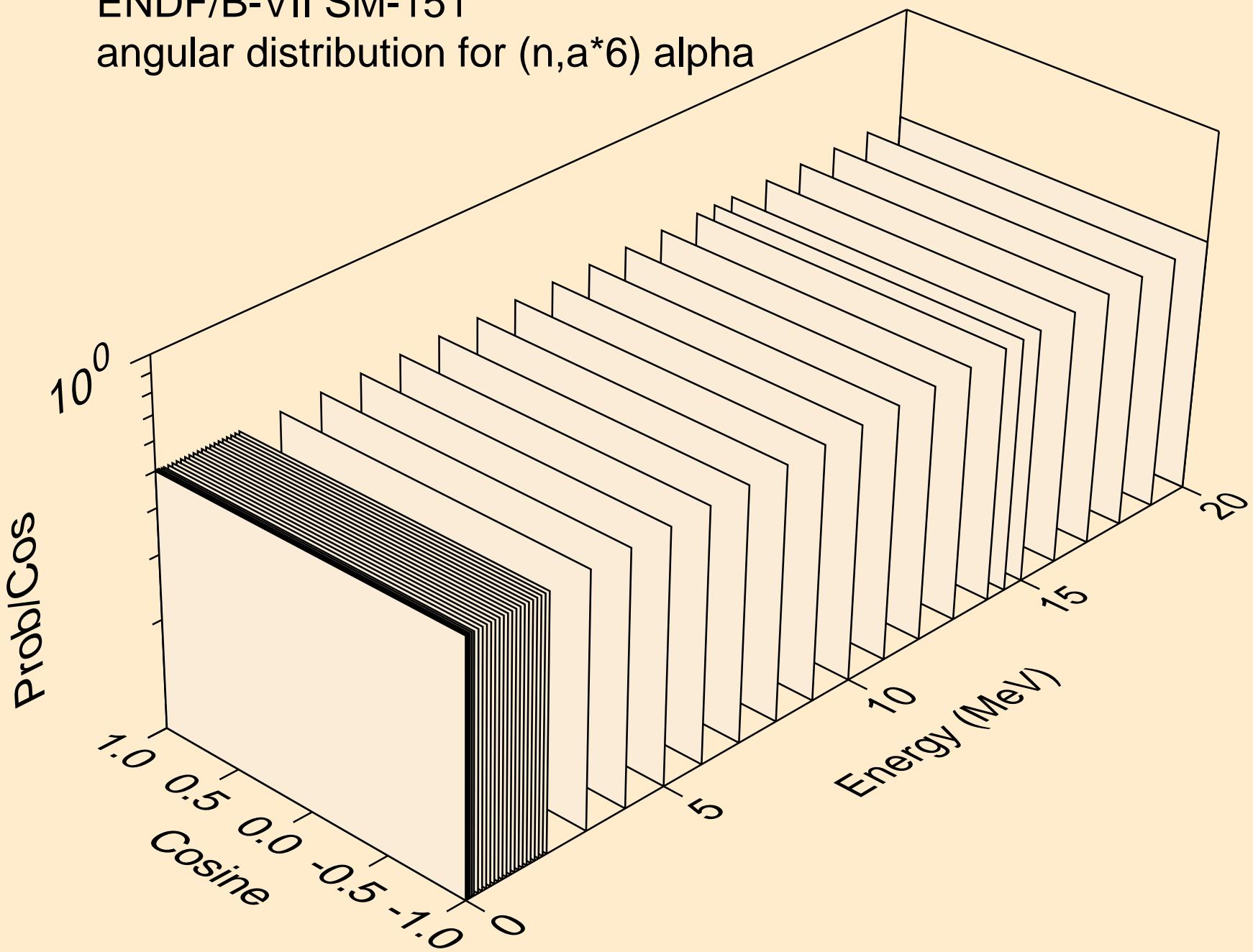
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angular distribution for ( $n, a^* 4$ ) alpha



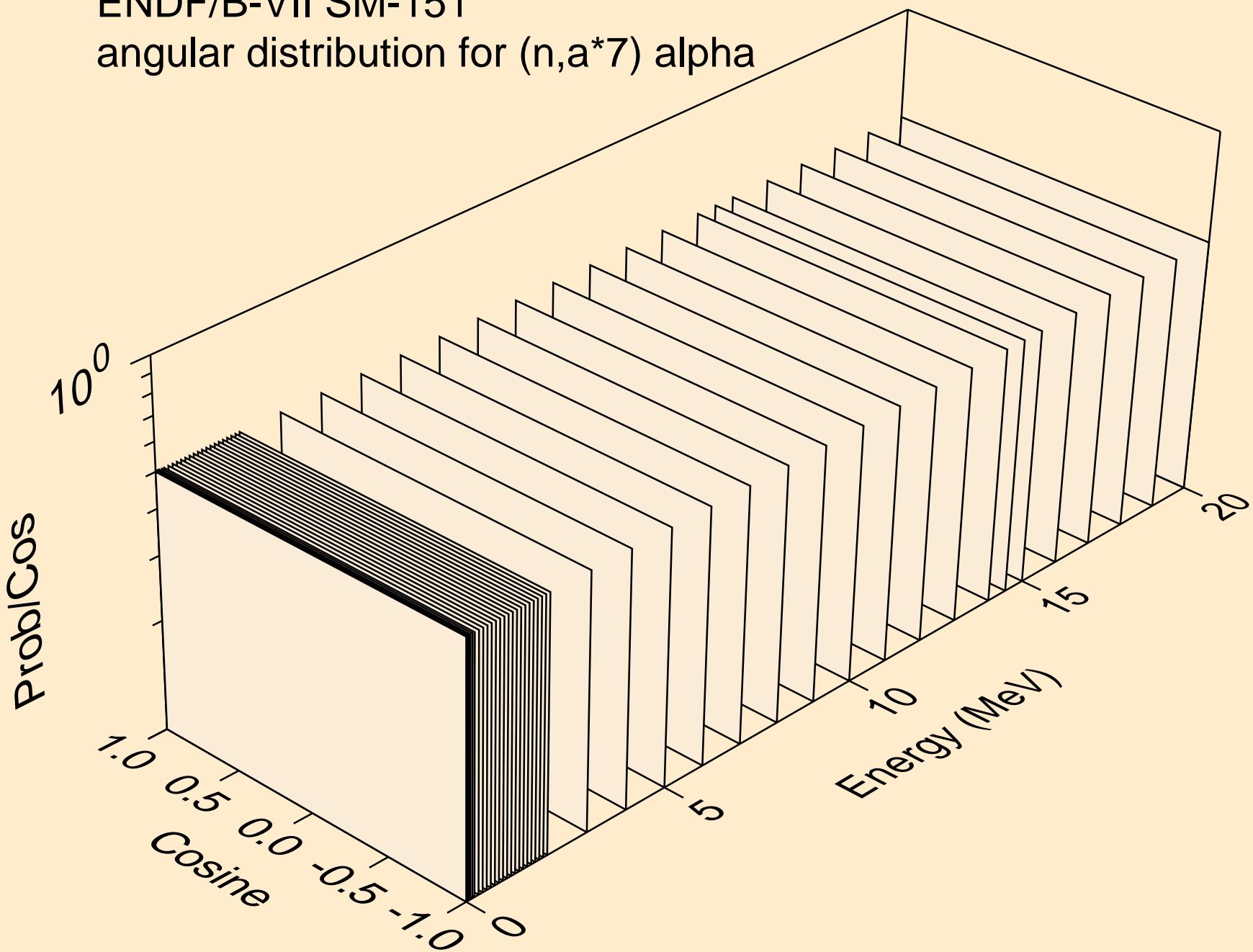
ENDF/B-VII SM-151  
angular distribution for (n,a\*5) alpha



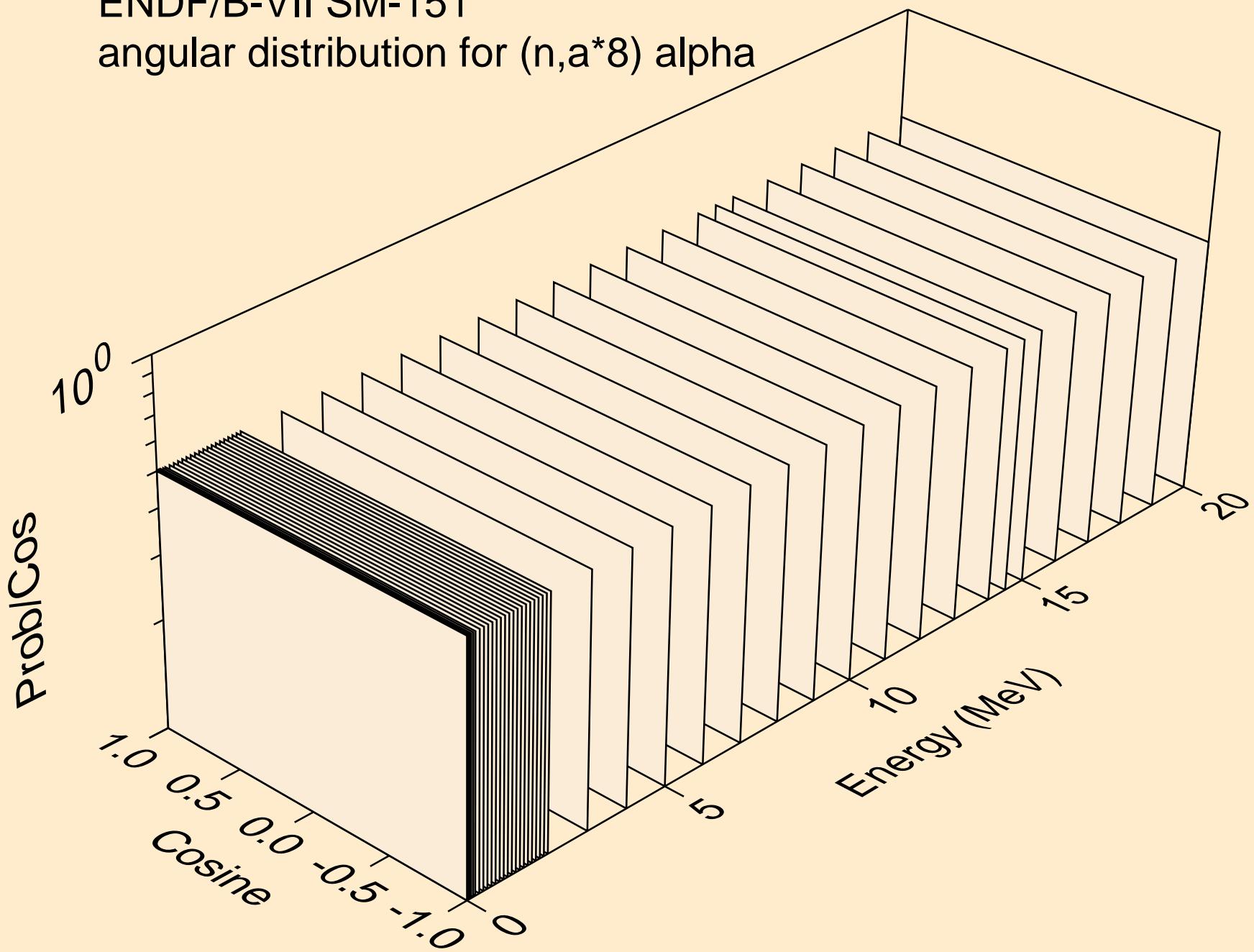
ENDF/B-VII SM-151  
angular distribution for (n,a\*6) alpha



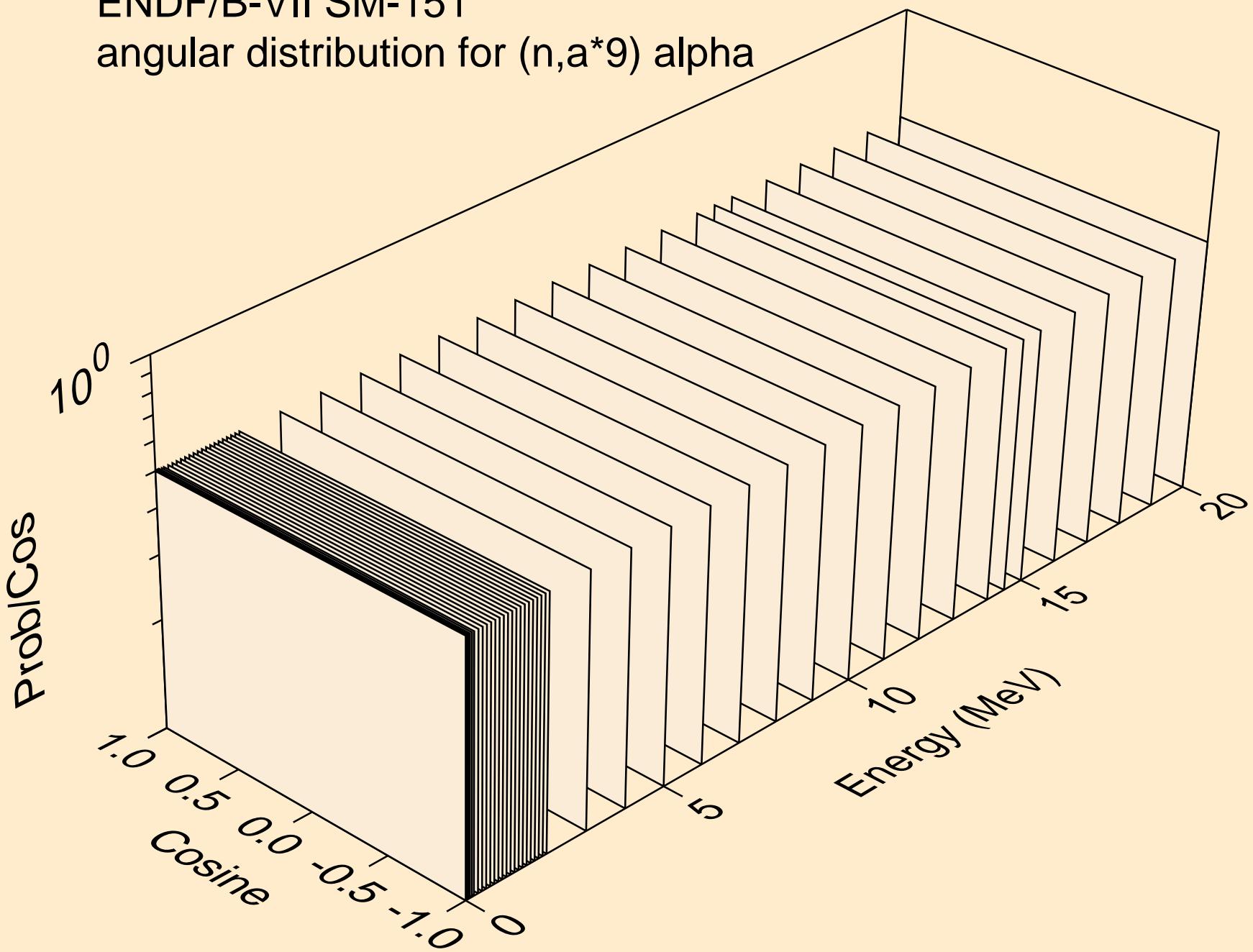
ENDF/B-VII SM-151  
angular distribution for ( $n, a^* 7$ ) alpha



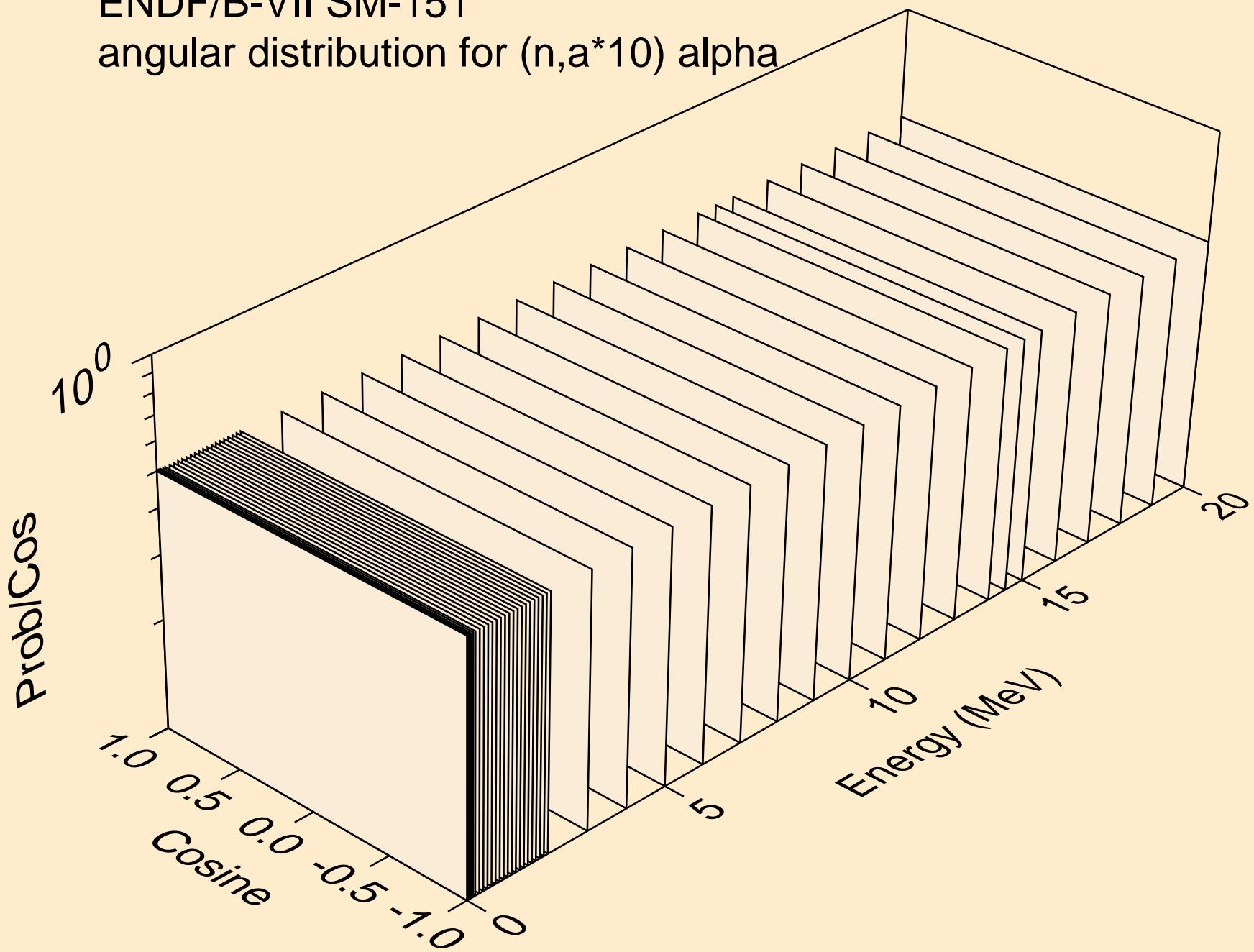
ENDF/B-VII SM-151  
angular distribution for (n,a\*8) alpha



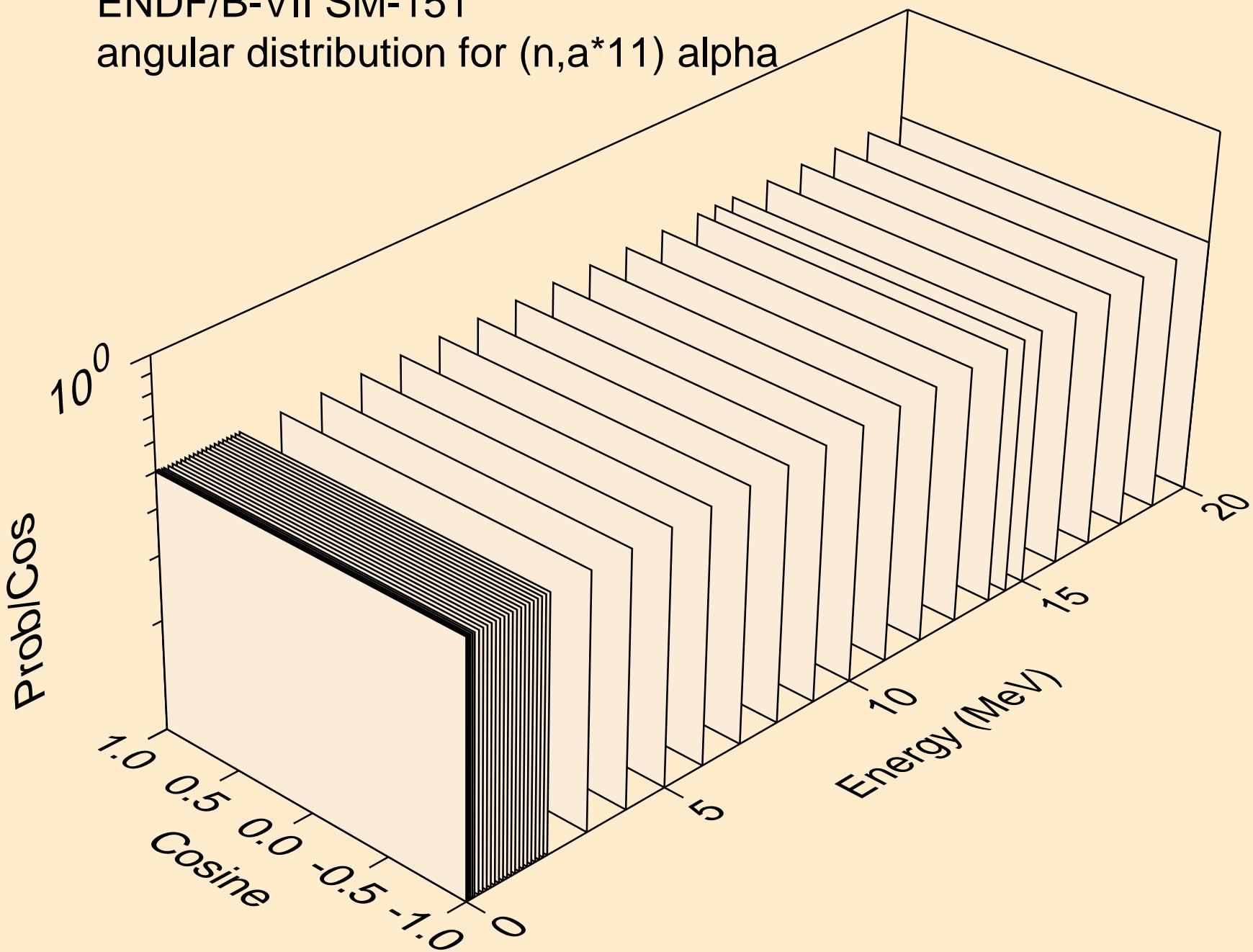
ENDF/B-VII SM-151  
angular distribution for (n,a\*9) alpha



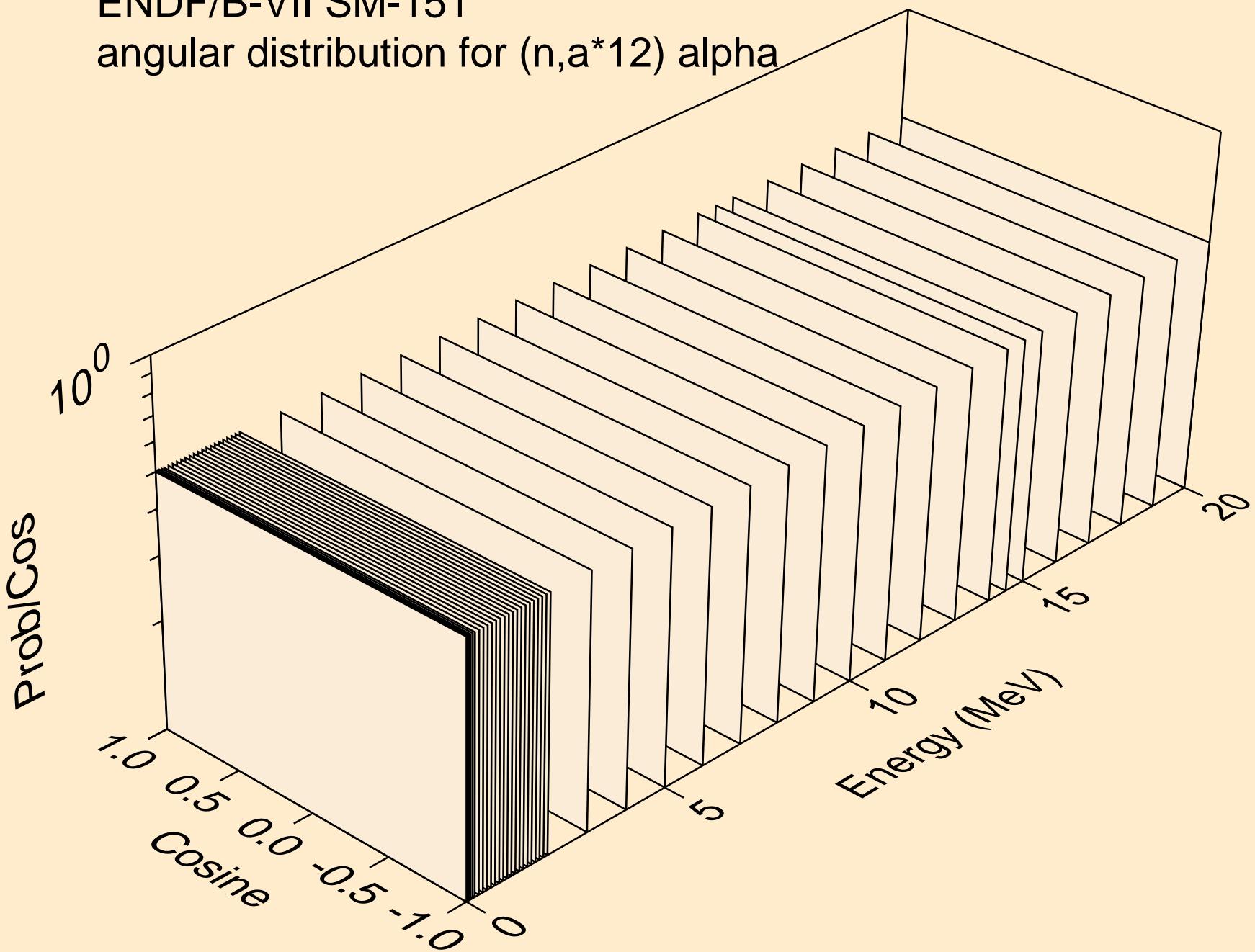
ENDF/B-VII SM-151  
angular distribution for ( $n,a^*10$ ) alpha



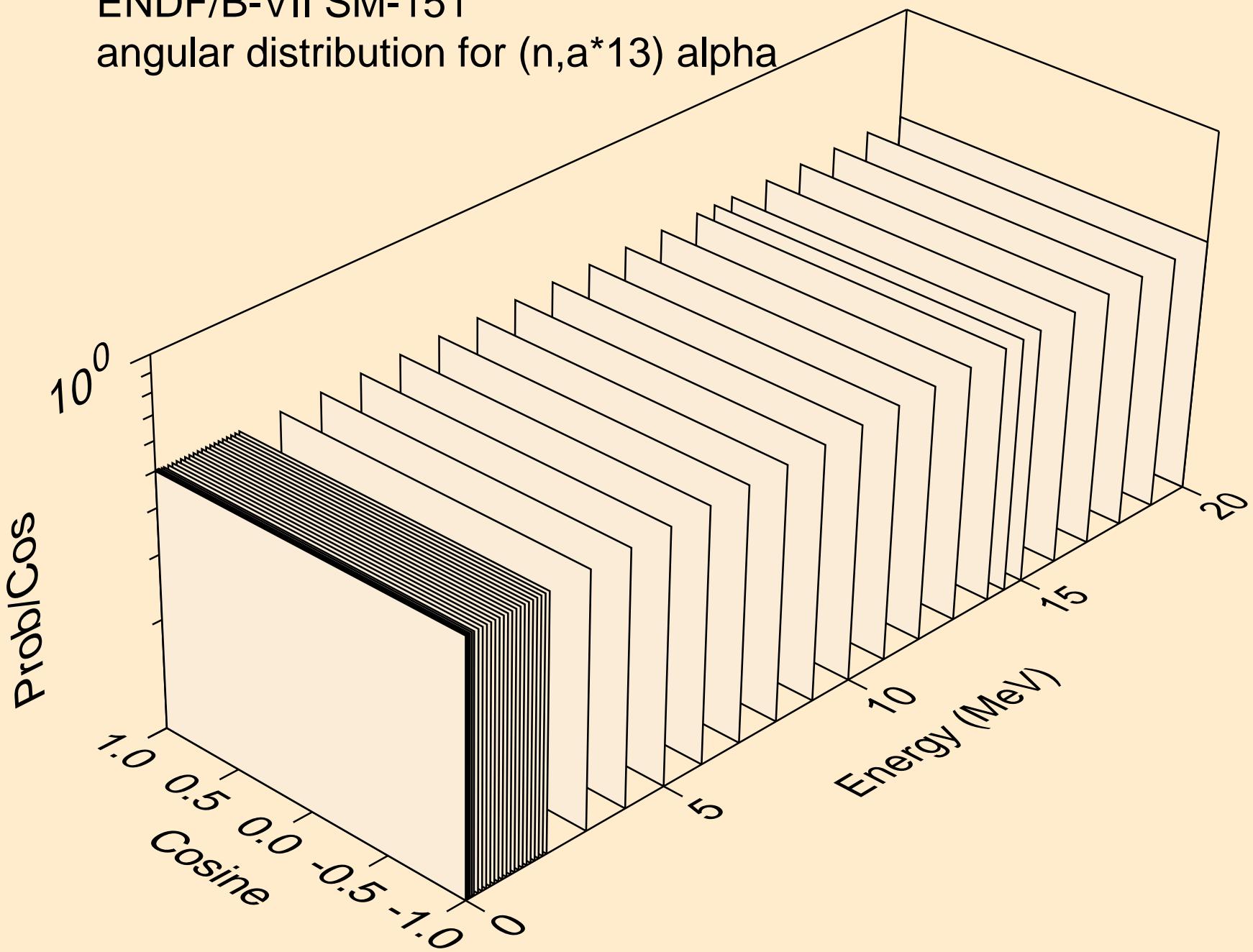
ENDF/B-VII SM-151  
angular distribution for (n,a\*11) alpha



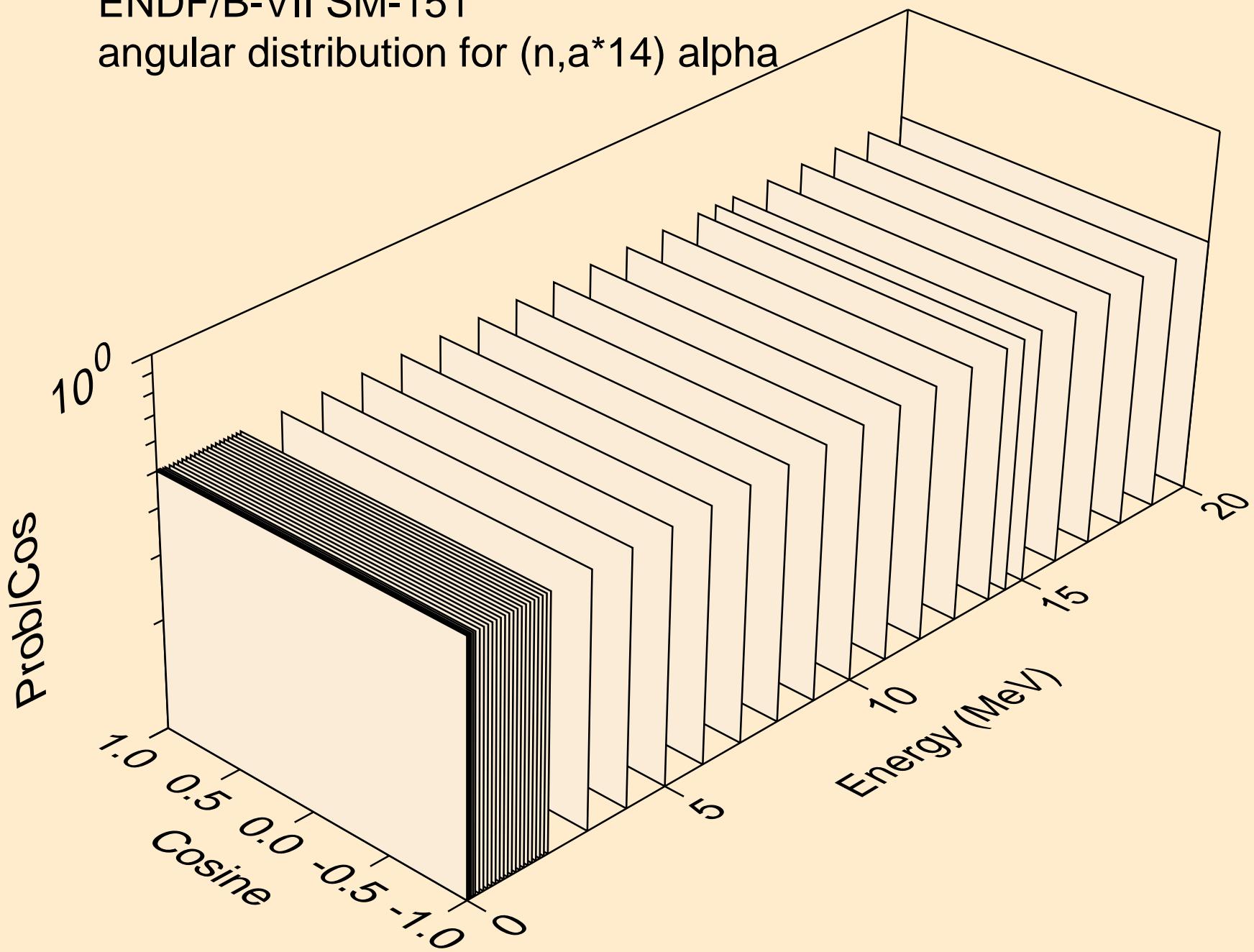
ENDF/B-VII SM-151  
angular distribution for (n,a\*12) alpha



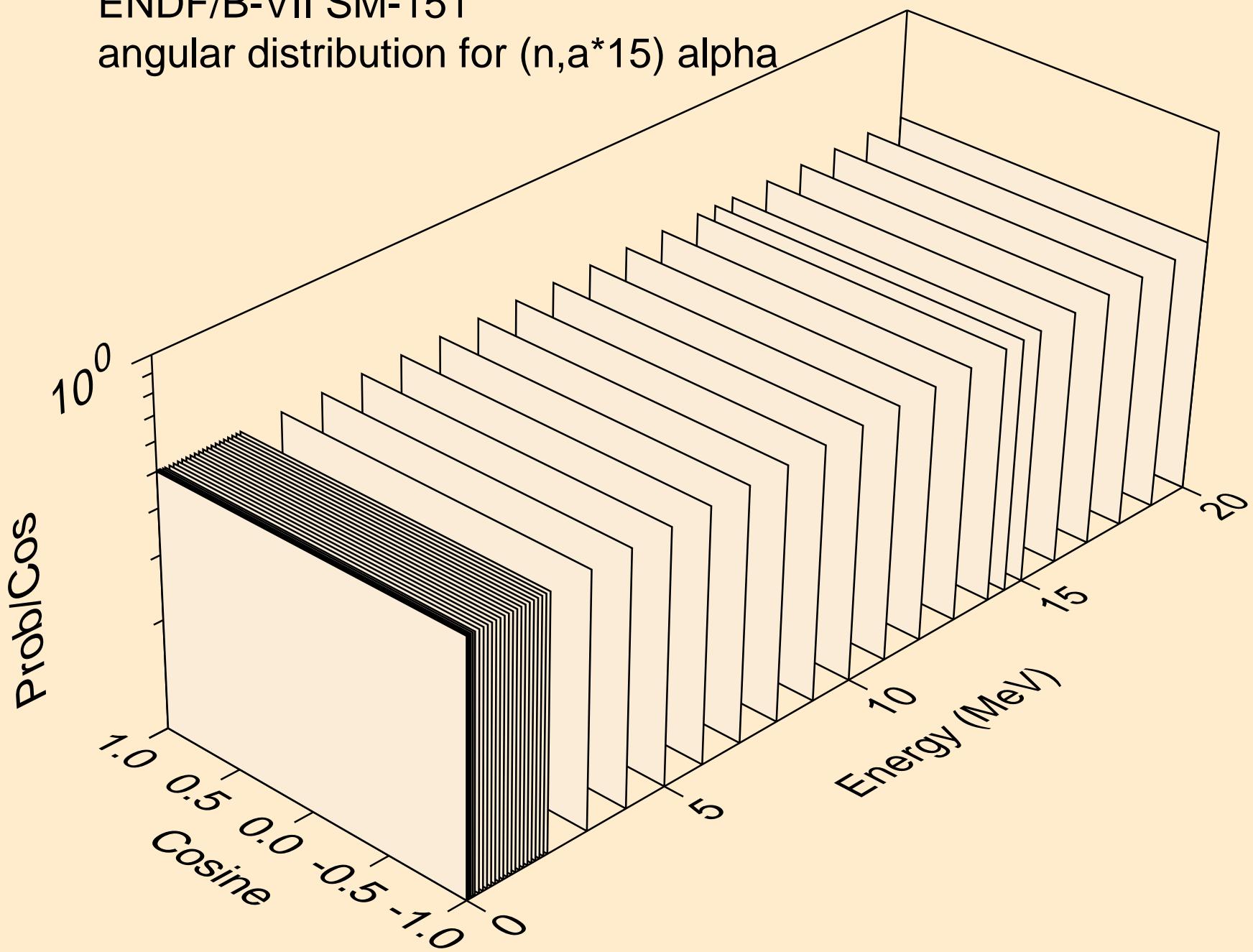
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angular distribution for (n,a\*13) alpha



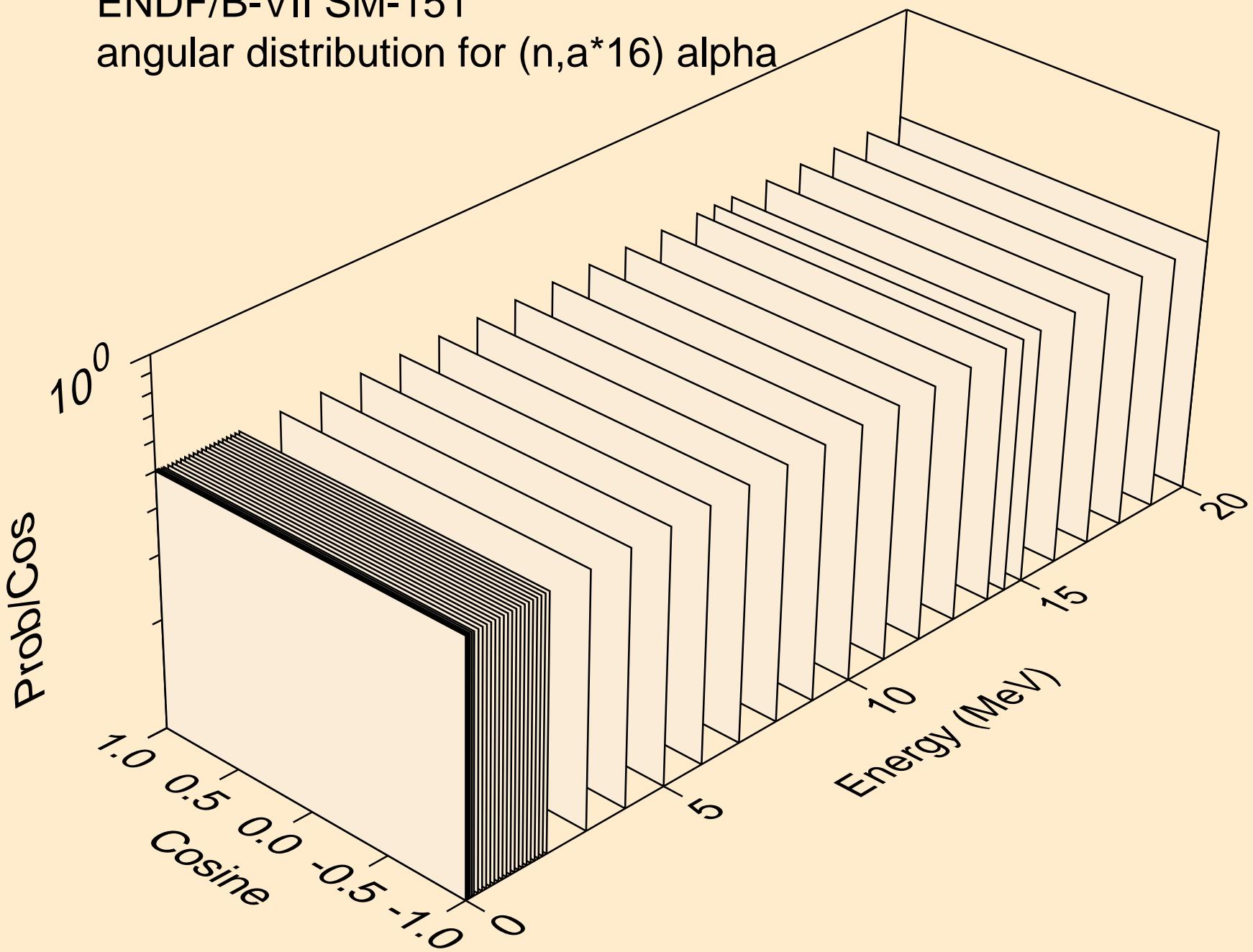
ENDF/B-VII SM-151  
angular distribution for ( $n,a^*14$ ) alpha



ENDF/B-VII SM-151  
angular distribution for (n,a\*15) alpha



ENDF/B-VII SM-151  
angular distribution for (n,a\*16) alpha



ENDF/B-VII SM-151  
alphas from  $(n, \alpha^* c)$

